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Index to Advertisers, pp. 5 & 6.

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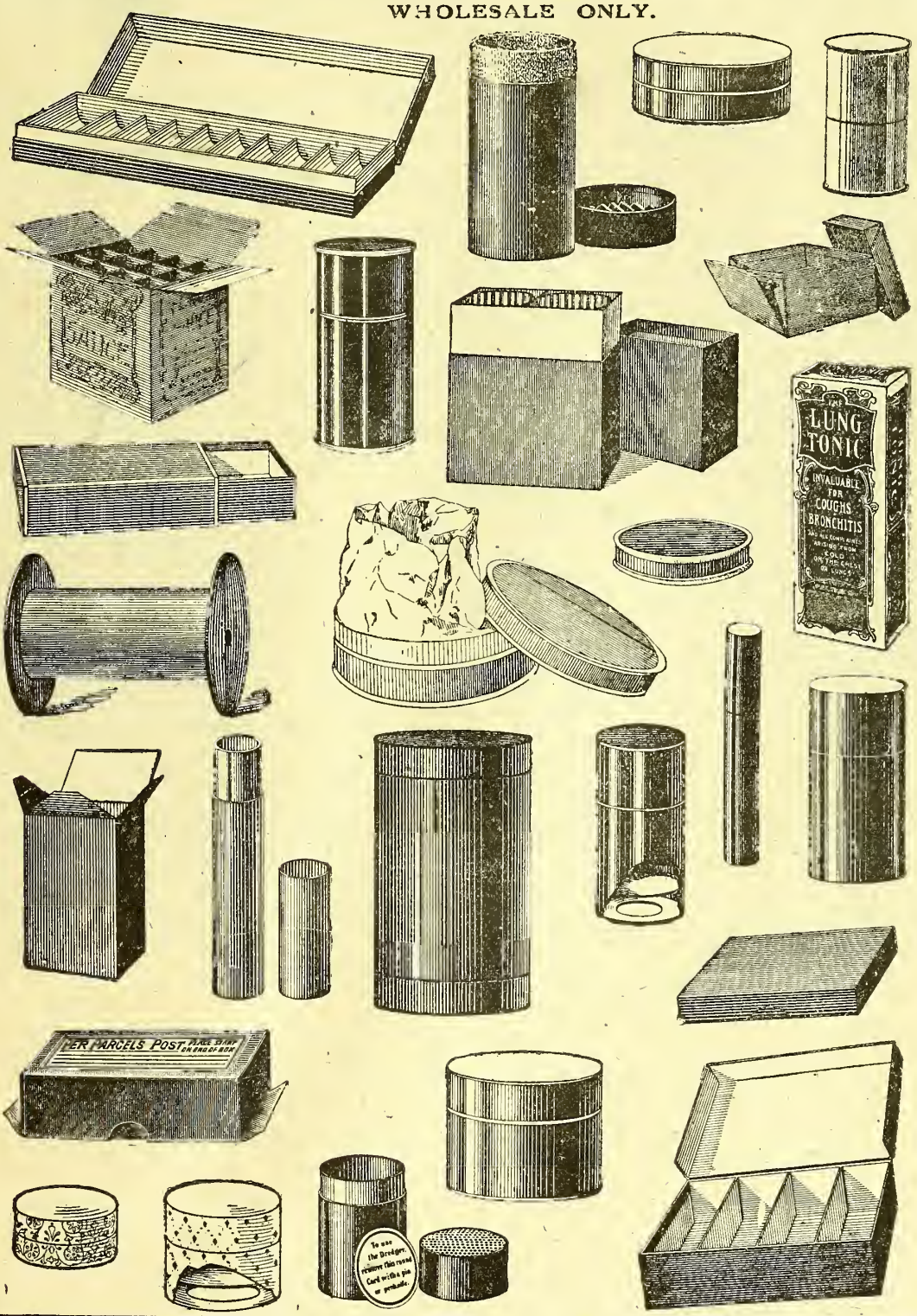
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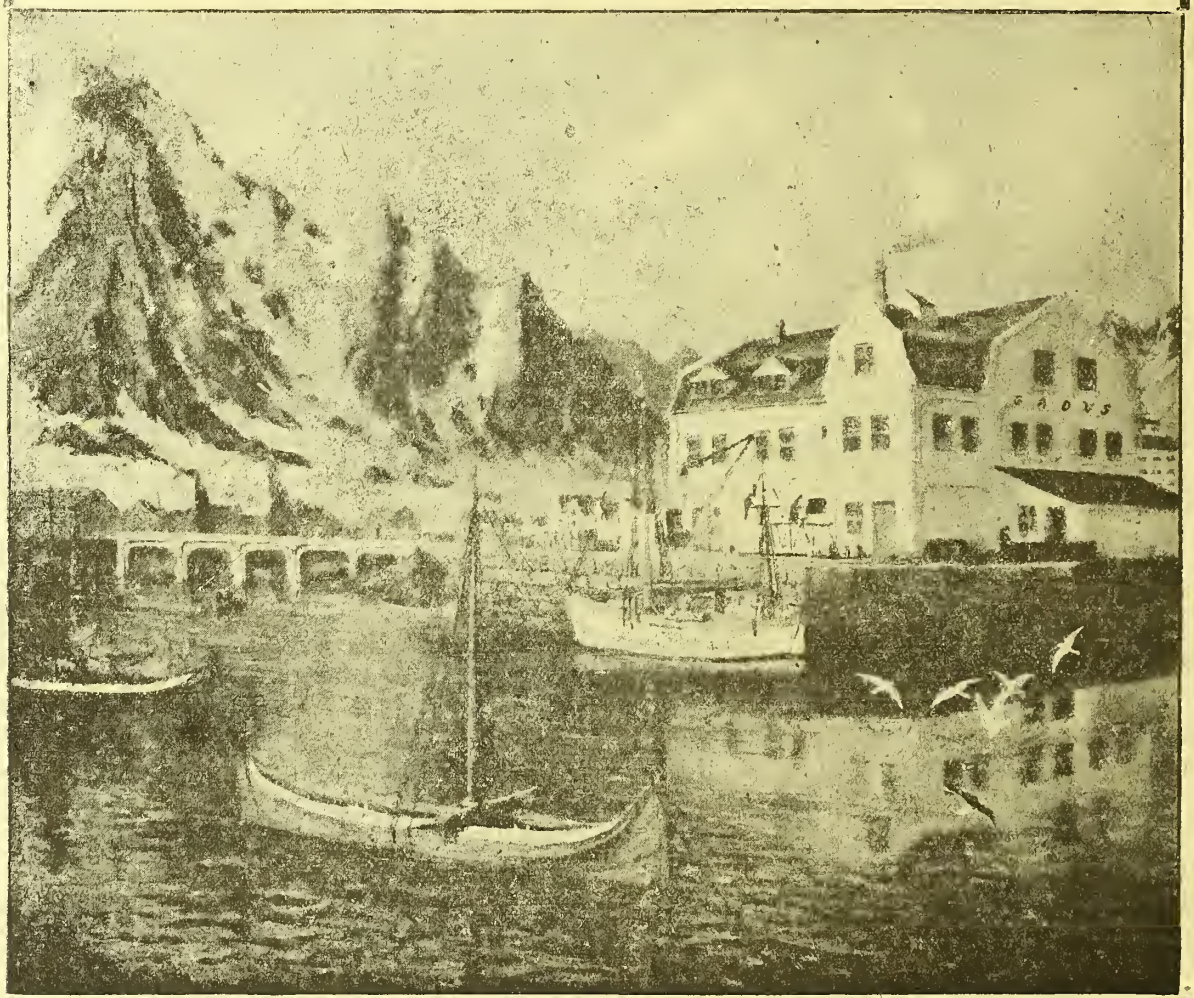
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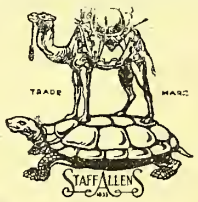
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INDEX TO ADVERTISERS

ALBION SEWING COTTON CO., LD. ... xlix
ALLEN, STAFFORD, & SONS, LD., *Winter Lines* ... 5
ALLIANCE DRUG & CHEM. CO., *Chemicals* ... xviii
AMSTERDAM QUININE WORKS ... xxv
ARMOUR & CO., LD., *Children's Tonics, &c.* ... 41, Text
ARNOTT, JAMES, & SONS, LD. ... xxxvii
ARROWSMITH MANFG. CO., LD., *Foot Appliances* ... 40
AVENEL & CO., *Perfumery* ... 16
AYRTON, SAUNDERS & CO., LD., *Wholesale Druggists* ... 15
BAILEY, R., & SON, LD., *Tissues* ... 18
BAKER, PARSON C., *Chemists' Valuer* ... Col. Supp.
BANISTER STREET WORKS, LD., *Machinery* lii
BARKER, R., & SON, *Infants' Preservative* ... xlii
BARKER, R. W. ... Text
BATTIN, H., & CO., LD, *Alkanet Root* ... xx
BEAZ, LD., *Toilet Preparations* ... 28
BELL, J., & CROYDEN, LD., *Cod Liver Oil* ... 2
BERDOE & FISH ... Col. Supp.
BERK, F. W., & CO., LD., *Acids* ... xiii
BERRY'S, J. B., SONS CO. INC., *Pet. Prods.* ... xxxvi
BERTON, ARTHUR, LD, *Sundries* ... 14
BIDWELLS, LD., *Brushware* ... 38
BLACKIE, ROBERT, *Ointment, &c.* ... xv
BLAGDEN, VICTOR, & CO., *Chemicals* ... ii
BLINBLOW ASTHMA CURE ... xxvi
BLYTHE, W., & CO., LD, *Epsom Salts* ... ii
BOAKE, A., ROBERTS & CO., LD., *Acetic Acid* ... xliv
BORTHWICK, W., *Brilliantine Oils* ... xxxix
BOURJOIS, A., & CIE, LD. ... 26
BRASSE, E., *Seatangle Tents* ... li
BRETT & CO. ... Col. Supp.
BREZET, A., & CO., *Ess. Oils, &c.* ... 22
BRISTOL-MYERS CO., *Saline Laxative* xxi
BRITISH ANTAPSAL CO., LD., *Nasal Appliance* ... xlviii
BRITISH DYESTUFFS CORPORATION, LD. ... ii
BROOKS, PEEL & CO., LD., *Machinery* liv
BROTHERS, J. A., *Combs* ... 39
BROWNING, THE WM., CO., LD. ... xxxvi
BRUNNER, MOND & CO., LD., *Alkalies* ... iii
BULL, D. W., *Capsules* ... Text
BURGE, WARREN & RIDGLEY, LD., *Hot-Water Bottles* ... 6
BURROUGH J. LD., *Absolute Alcohol* Text
BURROUGHS WELLCOME & CO., *Laxumel* ... 43
BUSH, W. J., & CO., LD., *Frozen Lavender Water, &c.* ... 29
BUTLER, E. H., & SON, LD., *Cod Liver Oil, &c.* ... xxiv
CADBURY BROS., *Cocoa* ... Cover
CALLARD & CO., *Vitmar* ... xliv
CALNAN, W. H., & CO., *Perfumery* ... 23
CARMA CO., *Bottle Capping* ... lx
CARR, G., & CO., LD., *Tablets* ... xvii
CARTER, R. E., LD., *Photo Albums* ... lvii
CARTWRIGHT, W. B., LD., *Sundries* ... 20
CHEMICAL UNION, LD. ... Text
CHEMICAL WORKS MADOERY, LD., *Chemicals and Pharmaceuticals* ... xxiii
CHEMISTS' DESIGN SERVICE ... xxxvi
CHRISTY, T., & CO., *Shampoo* ... 26, lx
CLAYTON ANILINE CO, LD., *Chemicals* vii
COOPER LABORATORY, *Tablets* ... xvii
COOPER, SON & CO., LD., *Cachets* ... lx
COURTIN & WARNER, *Chemicals, Drugs, &c.* ... vi
CRAMPTON, J., & CO., LD. ... xix
CROOKES' LABORATORIES ... xxxiii
CUNDELL, EVE & CO., LD., *Cartons* ... lvii
CUXSON, GERRARD, & CO., LD., *Embrocation* ... 19
D.D.D. CO., LD. ... xxvi
DEARBORN, LD., *Toilet Specialities* ... 30
DELANNOY, P. J., *Chemicals* ... xxv
DODGE & OLCOTT CO., *Essential Oils* ... 21
DOWELL, J., & SONS, LD., *Glassware* ... lvi
DUDLEY & CO., *Cash Tills* ... lvii
DUNCAN, FLOCKHART & CO., *Anæsthetics* xi
EASTERN & RUSSIAN TRADING CO., LD. xxiv
ELLIS, J. E., LD., *Pompeian Preps.* ... 33
ERASMIC CO., LD., *Tooth Paste* ... 28
EVANS SONS LESCHER & WEBB, LD. ... Cover
EVAN-WILLIAMS CO., LD., *Perfumery, &c.* ... 23, lx
FARRIS, CHARLES *Beeswax* ... 10
FARROW & CO, *Bottles* ... lvi
FENNINGS, A. ... Text
FIELD, C. W., LD., *Chemicals* ... xiv
FINK, F., & CO., *Gums* ... lx
FLEMONS, J., & SONS, *English Herbs* xvii
FORGROVE MACHINERY CO., LD. ... liii
FOSTER-MCCLELLAN CO., *Doan's Preps.* xxvii
FOX, FRANCIS F., & CO. ... xxxviii
FOX, W., & SONS, *Photographic, &c* ... xxiii, lxi
FRANSES, J. J., & SONS ... xxxvii
FULFORD, C. E., LD., *Peps.* ... 4
GALLOWAY, P. H., LD., *Cough Syrup, &c.* ... xxx
GARDINER & CO., *Overalls* ... lix
GARDNER, W., & SONS (Glos.), LD. ... lii
GARRATT, J. E., *New-skin, &c.* xxviii, xxxii
GATES, LESLIE, *Bottle Cappings* ... lv
GENATOSAN, LD., *Formalin* ... xxxi
GEORGE, E. J., *Stocktaking* ... Col. Supp.
GIBBS, D. & W., LD., *Toilet Soaps, &c.* 27
GIBBINS, R., & CO., *Saccharine* ... xvii
GIDLOW, A., & CO., *Shaving Creams* ... 26
GILLARD GORDON, LD., *Eucalyptus* ... 20
GOODALL, BACKHOUSE & CO., *Chemicals, Drugs, &c.* ... Cover
GOWER, J., *Books* ... Col. Supp.
GRAESSER-MONSANTO CHEMICAL WORKS, LD. ... Cover, 3
GREEFF, R. W., & CO., LD., *Chemicals* 8, 9
GRIMSLEY & CO. (LEICESTER), LD., *Machinery* ... lii
GUYOT-GUENIN & SON, *Mustard Leaves* l
HALL FORSTER & CO., LD., *Floor Polish* lix
HAMMER & CO., *Chemicals* ... viii
HARKER, C. R., STAGG & MORGAN, LD, *Beef and Malt Wine* ... xli
HARLEY, T., *Rat Poison* ... lviii
HARPER, C. W., *Saccharine Tablets* ... xvi
HARRINGTON BROS., LD., *Chemicals* ... x
HENRY, A. C., *Chemicals* ... xii
HEYMANS, RENE, *Douche Fittings* ... l
HOBSON, TRIMBLE & CO, LD. ... li
HOLLANDS DISTILLERY, LD., *Ess. Oils* ... 21
HOLLIDAY, G., & CO., LD, *Greeting* 31
HOLLIDAY, L. B., & CO., LD., *Chemicals* xv
HOPKINS, J. L., & CO., *Crude Drugs* ... xxi
HORLICK'S MALTED MILK CO. ... 13
HOWARDS & SONS, LD., *Aspirin Tablets* i
HUBBUCK, T., & SON, LD., *Oxide of Zinc* ... xiv
HUISKING, C. L., INC., *American Drugs* xxii
IGLODINE CO., LD., *Antiseptic* ... xxviii
JOB BROS., *Cod Liver Oil* (Newfoundland) ... 12
JOHNSON, A., & CO. (LONDON), LD., *Chemicals, &c.* ... xiii, xiv
JOHNSON & SONS (Mfg. Chts.), LD. ... ix
JOHNSTON & ADAMS, *Floor Polish* ... lix
JONES, SAMUEL, & CO., LD., *Gummed Paper* ... xxxix
JOSEPHS, PHILIP, & SONS, LD ... Col. Supp.
JOY'S MEDICINAL CAPSULE CO. ... xx

[*Continued overleaf.*

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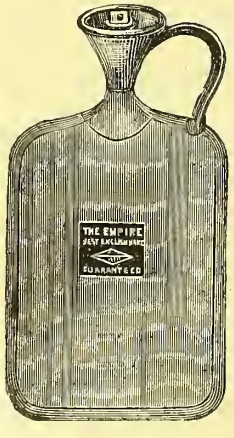
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INDEX—cont.

KAY BROS., LD., *Linseed Compound* xxx
KERFOOT, T., & CO., LD., *Perfumery* 17
KHAMBATA, J., & CO., *Tartaric Acid* ... xiii
KILLGERM CO., LD., *Disinfectant* lviii
KNOX-WALKER, J., & CO., LD lx
LANG, JULES, & SON, *Glassware* lxiv
LANGLEY-SMITH & CO., *Motor Oils* xxxix
LATHROP, H. R., & CO. INC., *Botanical Drugs* xxiii
LECONTE, R., & CO., *Corks* li
LEIGHTON LABORATORIES, LD., *Shampoo* 24, 25, lx
LEVERMORE, A., & CO., LD., *Precip. Chalk* lx
LICENSES & GENERAL INSURANCE CO., LD. xxxvii
LICHTENSTEIN & CO., *Caramel* ..... Text
LINARIS, LD., *Toilet Preps.* 28
LINTON, HUBBARD & ANDREW, *Liquorice* xiv
LIQUID ICE CO., LD., *Antiseptic* xxxii
LITTLE, D. J., CO., *Capsules, &c.* xxiii
LOFTHOUSE & SALTMER, LD., *Floor Polish* lix
LONDON RUBBER CO. lx
LUDFORD & CO., *Bottles* 8
LUMEX, LD, *Photographic* lxi
M'CAW, STEVENSON & ORR, LD., *Secco-tine* lviii
M'GLASHAN, D., *Abdine* lx
MCKECHNIE BROS., *Sulphate of Copper* xiii
MACKRILL, A., & CO., *Stationery* 39
MACMILLAN & ARTHUR, *Monicure Preps.* 39
MALLAGH & CO., *Chemicals* ix
MALMBERG, C. FR., LD., *Chemicals, &c.* xxv
MALMBERG, K., *Woolgrease* xxxviii
MALTINE MANUFACTURING CO., LD xlii
MANGOLD, C., & CO., *Chemicals* vi
MANSELL, HUNT, CATTY & CO., LD., *Bottle Caps* 10
MARTINO, L. J. DE, *Chemicals* viii
MAVLANKAR, K. B., *Essential Oils, &c.* 22
MAW, S., SON & SONS, LD. 11
MAWSON, J. W., & CO., LD., *Capsules* ... xvi
MAY & BAKER, LD., *Chemicals* ..... Cover
MAYFAIR CHEMICAL CO., *Hat Dyes, &c.* xlv
MEASURES. F. B., & CO., *Chamois Leathers* lx
MENLEY & JAMES, LD., *Iodex, &c.* xx
MERTEN, F., *Showcard Expert* ... Col Supp.
MILLAR, A., & CO., LD., *Quinine Wine* xlii
MILLARD BROS., LD., *Electric* liv
MOKOL CO., *Face Cream* lx
MUTUAL TRADERS, *Oils* 38
MYERS, LUMOS & CO., *Combs, &c.* 39
NESTLES, *Feeding Bottle* 1
NEUMANN, M. W., *Silicates of Soda* ... 38
NILDE, *Face Powder* 34, 35
NORTH LONDON TINWARE CO., LD. liv
NORTHERN TIN CANISTER WORKS lvii
NORWICH CRAPE CO. (1856), LD., *Bandages* xlix
OLDHAM, J. V., *Wines* xliv
OSMOS APERIENT WATER xl
OURY, MILLAR & CO., *Gelatines* xxxv
P.A.T.A. xxxii
PAGE, CHAS., & CO., LD., *Chemicals* ... viii
PAINE & CO., LD., *Malt Extract* 12
PAPIER POUDRE, LD., *Toilet Preps.* 36
PATENT HEALTH BELT CO., THE xlviii
PEAT PRODUCTS (SPHAGNOL), LD. xxvi
PERKEN, SON & CO., LD., *Clinicals* lv
PERRY & HOPE, LD., *Malt Extract* xlii
PETRI BROS., *Creosote, &c.* vi
PHILLIPS, R. W., LD., *Agencies* xviii
POULENC FRERES, *Stovaine* xxv
POWELL, F. W., *Drugs and Chemicals* ... iv
PRESTON'S LIVERPOOL DIST. CO., LD. xlii
PRICE, A. S., & CO., LD. xviii
PURE RUSSIAN LIQUID PARAFFIN CO., LD. xxxvi
RANSOM, W., & SON, LD., *Tinctures* Cover
RAPHAELS, LD., *Spectacles, &c.* lxiii
RAWORTH, J. E., & MOSS, *Pat. Agents* lx
RAYMENT, K., *Superol* xii
RECAMIER TOILET PRODUCTS CO. 32
RELIANCE RUBBER CO., LD., *Hot-Water Bottles* xlvii
RESINOL CHEMICAL CO., *Ointment and Soap* ..... xxii.
ROBERTS & CO. xxx
ROBERTS' PATENT FILLING MACHINE CO. liii
ROBINSON & SONS, LD., *Boxes* 1
RONOLEKE, *Hot-Water Bottles* xlvi
ROSE, J. L., *Pyrogollic Acid* xiv
ROYAL PHARMACEUTICAL CO., LD. xxiv
ROZEN, L., & CO., *Chemicals* x
RUDDUCK & CO. ..... Col. Supp.
SALTRATES. LD. 42
SANITAS CO., LD., *Disinfectants* ..... Text
SAPON SOAPS, LD. 32
SCOTT'S CHEMICAL CO., *Toilet Water* ... 30
SCURR, C. A., *Correspondence Course* ... lxi
SHADEINE CO., *Hair Dyes* lx
SHIPKOFF & CO., *Otto of Rose* 21
SILICATE ENGINEERING CO., LD. Col. Supp.
SIM, LD., *Ampoule Files* viii
SIMS, GEORGE R., HAIR RESTORER CO. ... 32
SKINETOLIN CO., LD., *Toilet Preps.* lx
SMITH, STANISTREET & CO., LD., *Indian Drugs, &c.* xxi
SMITH, T. & H., LD., *Chemicals, &c.* ... v
SOLAZZI, *Liquorice* xx
SOLERNOU, VIUDA DE JOSE, *Agencies* xxiii
SOLPORT BROS., LD., *Manicure* 39
SPATULA PUBLISHING CO., *Books* lvii
STARUP, G. C., CHEMICAL WORKS xxiv
STERNS, LD., *Oils, Petroleum, &c.* ..... Text
STEVEN, G., & CO., *Wholesale Druggists* xxxiv
STEVENSON, HUGH, & SONS, LD., *Boxes* xliv
STOKES, C. A., & CO., LD., *Toilet Preps.* 30
STRODE, COSH & PENFOLD, *Toilet Cream* 26
SUTCLIFFE VENTILATING & DRYING CO. lii
SWANZY, F. & A., LD., *Otto de Rose* ... 21
SWISS BANK CORP., *Mercantile Bnkg.* viii
TAYLOR, H. A. & D., *Malt Extract, &c* xliii
TENNANT, C., & CO., LD., *Chemicals* xii
THOMPSON & CAPPER, LD., *Machinery* liii
TIDMAN & SON, LD., *Sea Salt* xxviii
TIMPSON, JOHN, & CO., LD., *Chest Jackets* xlix
TITTERTON & HOWARD, *Brushware* 23
TOMLINSON & HAYWARD ..... Text
TOMODA & CO., *Japanese Products* ... xxii
TOMPKINS, J., LD., *Clinical Thermometers* xlv
TOOGOOD, WM., LD., *Toilet Preps.* ... 37
TRANSCONTINENTAL AGENCIES, LD. xl
TUDOR, THOMAS G., & CO. xviii
TURNER DRUG & GALENICAL CO., LD. ... xvi
TYE, J., & SON, *Glassware* lvi
VAN DER HOEK, G., *Bottles* liv
VERNON POWELL, LD., *Combs* 38
VIOLIV MFG. CO., *Corn Cure* li
VISCOSE CO., LD., *Bottle Cappings* lv
WALLACE HEATON, LD., *Photographic* ... lxi
WARRICK BROS., LD., *Cachets, Capsules* 44
WATSON, SON & CO., *Jigger* lviii
WESTMINSTER COLLEGE OF PHARMACY ... lxi
WHIFFEN & SONS, LD., *Emetine Salt* ... iv
WHIPMAN, P., & CO., LD., *Drugs and Chemicals* vi
WHITEHILL CO. lx
WIGGLESWORTH, LD, *Cocoanut Oil Shampoo* ..... Cover
WILKINSON CUTLERY CO., LD. lxii
WIRZ, ROB., *Saccharin* xiv
WOOD, VINCENT, *Hot-Water Bottles* li
WOODWARD, W. (1920), LD., *Gripe Water* xxix
WRIGGLESWORTH, E. H., LD., *Packed Products* xviii
WRIGHT, LAYMAN & UMNEY, LD. 7
WYLEYS, LD., *Pharmaceuticals* ..... Cover
ZEAL, G. H., *Clinicol Thermometers* ... xlv
ZIMMERMANN, A. & M., LD., *Chemicals* xi

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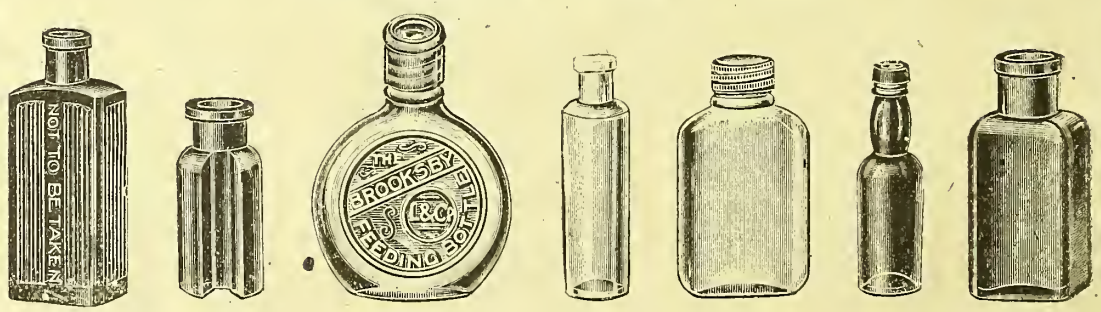
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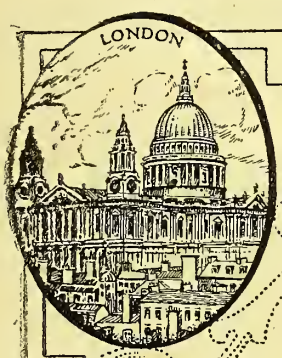
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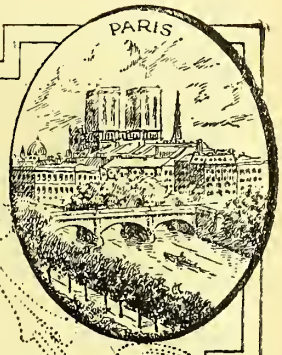
ALL KINDS, FOR ALL PURPOSES, IN ALL COLOURS.
PLAIN OR STOPPERED.

Specialities:—SCREW TABLETS & AMBER BOTTLES.

Telephone: DALSTON 587. Telegrams: "LUDFORDIA, HACK, LONDON."



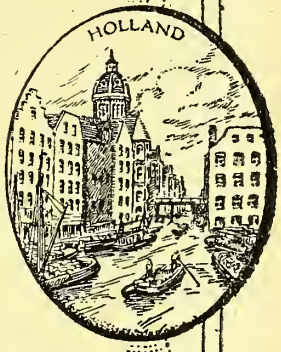




We are exceptionally well placed for the following, and invite your enquiries—



ACETYL-SALICYLIC ACID
BENZOIC ACID
BENZOATE/SODA
CALCIUM LACTATE
LECITHIN
TANNIC ACID LEVISS



Wholesale and Export Only



R. W. GREEFF & CO.

LTD.

THAMES HOUSE, QUEEN ST. PLACE,
LONDON, E.C.4.

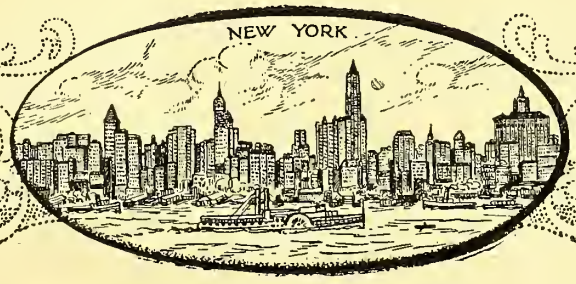


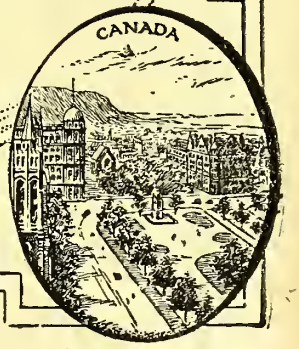
MANCHESTER BRANCH:
Lloyds Bank Buildings,
KING STREET.

Telegrams:
"Greeff, Cannon, London."
Telephone:
City 6550 (8 lines).

*NEW YORK AGENTS:
R. W. GREEFF & CO., Inc.
78 FRONT STREET.







"FARRIS'S"

GENUINE WHITE BEESWAX

GENUINE REFINED YELLOW BEESWAX

In ½-oz., 1-oz., 2-oz. and 4-oz. rounds.

PURE ENGLISH REFINED SPERMACETI.

HARD REFINED STEARIC ACID

WAXES of every known kind and for every purpose

The only actual Manufacturing Wax Chandler in the City of London.

CHARLES FARRIS

OFFICES, WORKS and SALE ROOMS:
Helmet Court, Bishopsgate, London, E.C. 2.
WAREHOUSES and STORES:
91 & 93 Bishopsgate, & 12 Wormwood Street, E.C.2.

THE ORIGINAL

HUNT'S BOTTLE CAPS

To fit all sizes of Bottles







To fit all sizes of Bottles

PAPER CASES for Capsules and the Lining of Tin Pastille Boxes. Samples on application.

From all Wholesale Houses or direct from the Sole Makers,

MANSELL, HUNT, CATTY & CO. LTD., LONDON, N.W.

Maw's Page

December 18, 1920 No. 479.

Our Offices and Warehouses will be closed for the Christmas Holidays from Thursday night, 23rd Dec., until Tuesday morning, 28th Dec.

The significance of the word "Parex"

The registered word "Parex" has two functions, each of which is of the utmost importance to the retail chemist.

First: it is the name given to a comprehensive series of toilet and manicure preparations manufactured by the House of Maw, and because of the proven quality and reliability of these preparations it is regarded as the symbol of superiority so far as goods of this kind are concerned. The aspect of the word "Parex" is familiar to all chemists.

Second: it is the name given to goods which are only supplied to the retail chemist. Therefore it is the chemist's protection against outside competition. It helps him to build business which will benefit himself and not outside traders.

When you sell goods bearing the name "Parex," you are assisting to secure pharmacy against the inroads of non-professional competition.

Telephone: "City 7" (Private Branch Exchange).

S. Maw, Son & Sons, Ltd., 7/12 Aldersgate St., London, E.C.1.

Telegrams: "Eleven Cent, London."

JOB BROTHERS

GUARANTEED PURE GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

IS THE FINEST OIL PRODUCED

It is perfection in colour, smell, taste and absolute purity.
Manufactured from the finest fresh Cod Livers on same day as fish caught.

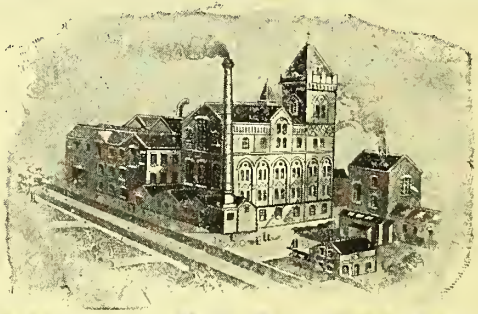
WHOLESALE ONLY

JOB BROS., Manufacturers, Tower Building, LIVERPOOL

Telegraphic Address: "JOB LIVERPOOL" Tel.: 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

"John Bull" (REGD)



MALT EXTRACT

and

COD LIVER OIL

IS THE BEST!!

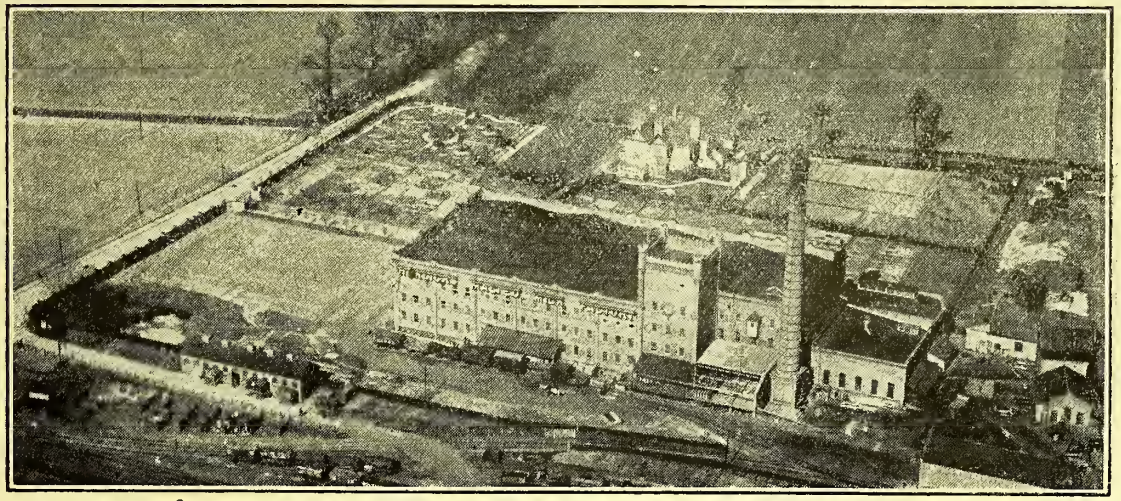
Supplied in Bulk, Jars, Cardboard Containers, &c., for Wholesale and Export only.

MALT EXTRACT POWDER. MALT FLOUR for INFANTS' and INVALIDS' FOODS

PAINE & CO., LTD., ST. NEOTS, HUNTS.

HORLICK'S MALTED MILK

THE ORIGINAL



An aerial view of the works at Slough, Buckingham, England, where all the

HORLICK'S MALTED MILK

Supplied in Great Britain is Produced.

PRICE PROTECTED - - 2/-, 3/6, 15/-

Attractive Advertising Material Free and Carriage Paid on application to

HORLICK'S MALTED MILK CO.

SLOUGH, BUCKS, ENGLAND.

(Sir James Horlick, Bart., President.)

We are MANUFACTURERS and DIRECT IMPORTERS



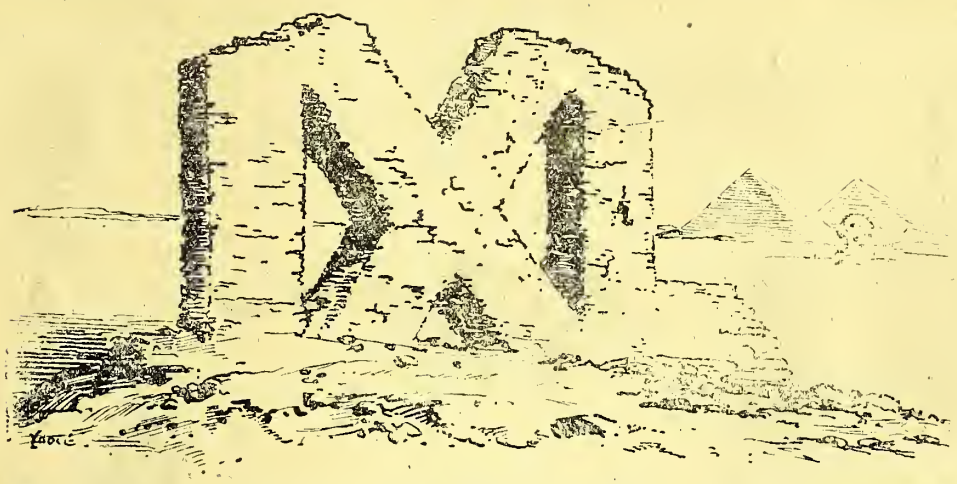
Your Inquiries, or a Visit to our Showrooms respectfully solicited.

ARTHUR BERTON, Ltd.

15/17 WORSHIP STREET, LONDON, E.C. 2

11 MILLER STREET, GLASGOW.

AYRTON'S WEEKLY PAGE 15



IN THE PAST

A MARK OF ESTEEM
IN THE LAND OF PHARAOH

To-day

the mark of Quality on British-made goods issued by the House of Ayrton

THE HOUSE OF TO-DAY

AYRTON, SAUNDERS & CO. LTD

Manufacturing Chemists **LIVERPOOL**

LES GRANDS PARFUMS AVENEL

DISTINCTIVE
DESIRABLE
DAINTY

PERFUMES ∴ FACE
POWDERS ∴ FACE
CREAMS ∴ TOILET
LOTIONS & SOAPS

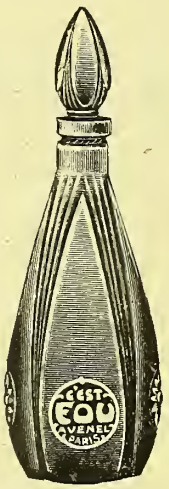


728 - - 22/6



1018 - - 95/-

Each Bottle is packed in an Elegant Box or Gift Case. For your Christmas trade there is no better selection in price or quality on offer to-day.



816 - - 18/6



400 - - 10/6



200 - - 5/-



600 - - 15/-

Prices quoted are per bottle.



868 - - 13/6

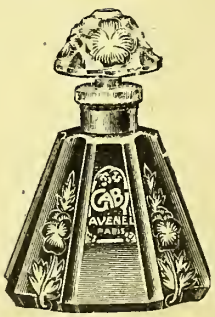
Subject to Trade Discount 33⅓%

PROFIT 50%

Sole Home & Export Agents—

FREESE & MOON, Ltd.
59 Bermondsey St., LONDON, S.E. 1.

Telephone: Hop 2774. *Telegrams:* "Cevanesco, Berm, London." *Cables:* "Cevanesco London."



801 - - 80/-



Perfumery of Distinction

WE ask you to judge "Distol" Ottos from the standpoint of Quality, because that is the side of the argument your customers see.

The simplicity in handling, the wide choice of odours, the excellent keeping properties and the really remarkable margin of profit are subdivisions of the "Distol" argument, which rest between you and ourselves; but Quality affects *your* customers, and can make or mar your turnover in other goods. Therefore, we ask that "Distol" shall stand or fall on Quality—and for ten years we have had no cause to complain of the verdict.

To any Pharmacist who has not tried these Ottos we will send a case of sample tubes of perfumes made from any six "Distols," out of our range of 34 odours.

THOMAS KERFOOT & Co LTD.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

COPYRIGHT

HIGH-CLASS
Surgical Dressings

THE THREE ISSUES

	28 lb.	56 lb.	112 lb.
GAUZE TISSUE ...	1/11	1/10	1/8
WOOD WOOL TISSUE	1/9	1/8	1/7
CAPSICUM TISSUE ...	4/6	4/4	4/2

£5 orders Carriage Paid. Packing Extra.
Monthly Account.

OR

FOR NET CASH WITH ORDER

We will send quantities of 28 lb. and over, which may be assorted, in free wrapper and carriage paid in the Kingdom.

Mention this announcement when ordering.

Enquire for Absorbent Wool, stating quantity you can handle. Very special offers for bulk buyers.

London Office and Warehouse :

49 & 51 CENTRAL STREET, E.C. 1.

Telephone - - - - - - - - - CITY 8744.

ROBERT BAILEY & SON, Ltd.,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.

C&Co Ltd TRADE MARK

MAKE SURE OF YOUR SUPPLIES of

UNIVERSAL EMBROCATION

—The EMBROCATION with a REPUTATION.

A permanent Egg Emulsion of Turpentine, Acetic Acid and Methyl Salicylate.

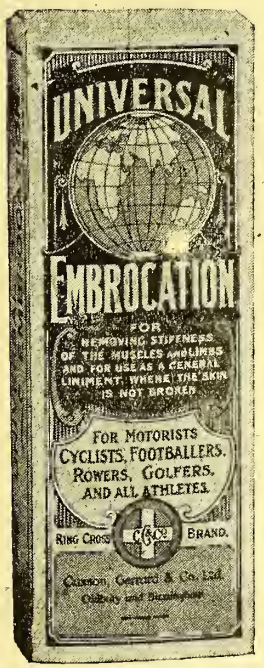
E 640. 4-oz. bottles, per doz. **8/6**

E 642. 4-oz. bottles, in cartons, as illustrated „ **10/3**

Ditto per gross **117/-**

In bulk, **11/-** per gallon.

Gross quantities printed with customer's name.



Cuxson, Gerrard & Co.

LIMITED

OLDBURY, near Birmingham

Export and Colonial Inquiries Invited

South African Agents:
All-British Agency Co.,
10 Main Street, Port Elizabeth.

MOORLAND PHARMACY SERVICE

W.B. Cartwright, Ltd.

RAWDON ❖ NEAR ❖ LEEDS.

The Leading House of Ideas for Pharmacy.

Offer an unique service to both manufacturers and retailers who require advice and assistance upon matters relative to advertising and selling.

We invite correspondence with manufacturers of really High-class Preparations, Toilet Specialties, Perfumery or Sundries, provided they are lines that will not clash with our present interests.

We are in an unique position to give you the best provided your lines are such as we can have confidence in.

Advertising must be well done to be effective—there is nothing upon which you can waste more money than ineffective publicity. If you have ***the*** line we can create ***the*** market for you.

ADDRESS
PUBLICITY DEPT.

MOORLAND BRAND

MOORLAND
PHARMACY SERVICE

Buy from the Actual Distillers.

EUCALYPTUS OILS

B.P. and U.S.P. **60/65%. 70%. 75/80%.**

EUCALYPTUS AMYGDALINA
EUCALYPTUS CITRIODORA
EUCALYPTOL (CINEOL)

We will quote you C.I.F. afloat or ex London Stocks.

GILLARD GORDON, LTD.

(Amalgamated with Burnside & Co.)

HEAD OFFICES - SYDNEY.

LONDON OFFICES : 7 Drapers Gardens, Throgmorton Avenue, London, E.C. 2

Temp. Phone: London Wall 2140.

TERPENELESS OILS
BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniperberry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC ALDEHYDE
GERANIOL
CITRAL
EUCALYPTOL

SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARINE.

—SPINELLI—

The Oils that have a Long Reputation for Quality.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is a quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

HOLLANDS DISTILLERY LTD.
Lavington Street, Southwark, LONDON, S.E. 1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: Hop 898.

AUSTRALIAN AGENTS.—OURY, MILLAR & CO., LTD., 350 Kent Street, SYDNEY.
INDIAN AGENT.—Mr. W. CARR, c/o GRINDLAY & CO., BOMBAY.

PURE
BULGARIAN OTTO DE ROSE

STOCKS HELD IN LONDON SOLD UNDER OUR GUARANTEE

F. & A. Swanzy Limited
West Africa House, Kingsway
London, W.C. 2

Shipkoff's Pure Otto of Rose

The TEST of Cheapness is QUALITY—not PRICE

SHIPKOFF'S OTTO OF ROSE is the Cheapest, because it is the *Best Otto* in the market. It is the *Standard Brand*—always *pure, uniform* and *one quality only*. Before placing your contract, be sure to get Shipkoff's sample and price, and try it. Original Sample Copper in 1, 2 and 4-oz. sizes.

ONCE TRIED—ALWAYS USED.

Highest Awards at all Universal Expositions, including Four Grand Prizes.

Shipkoff & Co., Kazanlik, Bulgaria.

BRANCH OFFICE IN SOFIA.

Model Steam Factories in Kazanlik, Kalofer, Kerlovo and Rahmenlari. London Depot—

G. P. & J. BAKER, LTD., 5 Giltspur St., Newgate St., E.C. 1.

DODGE & OLCOTT CO., 20 MARK LANE, LONDON, E.C. 3.

THE "D & O" BRAND
is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.
BALSAMS of Copaiba, Peru, Tolu,
TONKA BEANS, Angosturas.

Phone—CITY 2468.

Telegrams—"EGDARF, FEN, LONDON."

FOOD COLOURS

Guaranteed pure and harmless, complying with the Pure Food Laws of the U.S.A.
MADE BY
HEATH MANUFACTURING CO., St. Louis, U.S.A.

SYNTHETIC PERFUMES, ESSENTIAL OILS, FLOWER OILS, HIGHLY CONCENTRATED FRUIT ESSENCES, etc.

MANUFACTURED BY
Messrs. POLAK & SCHWARZ, Ltd., Zaandam and Hilversum (Holland).

BOTTLE CAPSULES for all kinds of Bottles and Jars

MANUFACTURED BY
Messrs. CHEMISCHE FABRIEK "THALES," Amsterdam.
PLEASE APPLY FOR SAMPLES AND PRICES.

K. B. MAVLANKAR, "Minerva House," 26-27 Hatton Garden, London, E.C. 1,
And at 29 Corporation Street, MANCHESTER.

Telegrams: "Ekdum London." Codes: A B C (5th Edit.); Bentley's. Telephone: Holborn 2499.

NESTOR MOURANCHON.

Offices: 40 Rue Damremont, PARIS. Telegrams: "Barthgay Paris." Telephone: Marcadet 15/92.
Distilleries and Laboratories: Chateauneuf-Val-St.-Donat (nr. Grasse), and Romans (Drôme).

SPECIALITIES: Menthes, Neroli, Petitgrain, Patchouli, Otto of Rose, Violet Essence, Gant de Saxe.
"ESSENCES DE MONTAGNE" and Imported Products.
Lavender, Aspic, Thyme, Girofle, Badiane, Geranium, Ylang Ylang, Musk, Ambre.

PRICE LIST ON APPLICATION TO WHOLESALERS ONLY.

Sole Agents for British Isles and Colonies:—

A. BREZET & CO. LIMITED,

19 ST. DUNSTAN'S HILL, LONDON, E.C. 3.

Telephone: Avenue 3543. Telegrams: "Abrezical, Phone, London."



5/- Flower Series.
6 Odours - - - - - **40/-** dozen.



14/6
Flower Series
In Silk Lined Cases.
116/- dozen.



10/6 Varrel Series.
GAY PERFUMERY.
6 Odours - - - - **84/-** dozen.

***LAST-MINUTE ORDERS TO ANY VALUE EXECUTED BY RETURN*—Carriage Paid.**

Phone : CITY 9222. *Telegrams : "ICCALNANOC, CENT, LONDON."*

W. H. CALNAN & CO., 30-32 Ludgate Hill, London, E.C.4.

"IRISH ELEGANCE" [Regd.]

The Winning Perfume—Fragrance of Midsummer Roses.

In three sizes	*Wholesale*	*Retail*
Small ...	**28/- doz.** ...	**3/6**
Medium ...	**48/-** „ ...	**6/-**
Large ...	**168/-** „ ...	**21/-**

Usual Trade Terms.

PRODUCT OF

The EVAN-WILLIAMS Co., Ltd.

18-18a Ogle Street, London, W. 1.

SHOWCARDS SUPPLIED.

HAIR BRUSHES

NAIL BRUSHES.
CLOTHES BRUSHES.
SHAVING BRUSHES.

Everything in the way of Brushes.



Telephone :
MUSEUM 2111.

Telegrams:
"AWHILE, WESDO, LONDON."

TITTERTON & HOWARD LTD., 8-10 GT. TITCHFIELD STREET, LONDON, W.1.

100,000 Free Gift Outfits are creating a HUGE demand for Quin-Quenna & Quinolox

A BOLDLY conceived advertising campaign based on the free distribution of 100,000 Trial Outfits (each costing us 2/6 to produce) is creating a colossal demand for QUIN-QUENNA, QUINOLOX, and BI-PASTRATE OF QUINOLOX.

THE advertisement reproduced on the opposite page is now appearing in the biggest circulation dailies and weeklies of Britain. It is obvious that we should not have embarked upon such a costly campaign were we not sure that a huge and permanent demand for our preparations would result.

IN THE handbook sent with the Trial Outfit the greatest stress is being laid on the absolute necessity of using only our guaranteed preparations for the practice of the Leighton System of Hair Growth Promotion, so it is imperative for you to stock them. We shall send customers to you—not in ones or twos, but in dozens. Don't turn away good business, but be ready to meet the demand that is sure to come by taking one of our monthly parcels. These are supplied on most advantageous terms. and carry special extra discounts. Forceful display advertising matter will be supplied free.

¶ *Send a postcard now for terms and details of our "money back if unsold" guarantee. Address:*

LEIGHTON LABORATORIES

35 Gray's Inn Road LONDON, W.C. 1

THIS Advertisement will bring You Big Business!

Beautiful Hair

follows the adoption of the Leighton System of Hair Growth Promotion.

THIS exceptional offer of a Complete Outfit for the home practice of the Leighton System of Hair Growth Promotion is made to every one, *irrespective of the present condition of their hair.* All with thin, dank and lifeless hair will find the Leighton Triple Treatment almost magical in its action. It really grows new hair, thick, wavy and lustrous. It clears away scurf and dandruff, and enables the scalp to "breathe." It nourishes the roots of the hair, prevents brittleness and splitting of the ends, and stops the hair falling out. It revives and improves the colour, and restores faded hair to its original brightness and beauty.

People with an apparently healthy and plentiful growth of hair should adopt the Leighton System as the only dependable means of *preventing* greyness, hair poverty, and baldness.

The Home Treatment Outfit now offered FREE to you, comprises:

1. **QUINOLOX**—a thin, golden liquid, non-greasy and delightfully perfumed. A genuine, guaranteed hair grower & tonic.
2. **BI-PASTRATE of QUINOLOX**—Quinolox in solid form, combined with certain highly refined oils. Bi-Pastrate of Quinolox imparts a captivating sheen to the hair, and makes it soft and wavy.
3. **QUIN-QUENNA.** Better than a shampoo. A unique preparation for cleansing the hair and scalp. Compounded of rare herbs and oils.
4. **The Book** of the Leighton System of Hair Growth Promotion, telling exactly what to do to gain a wealth of beautiful hair.
5. **MARGERY SKIN FOOD SOAP.**

TOTAL VALUE 3/-

This Hair Beauty Outfit Value 3/- Sent FREE



To obtain this splendid Hair-Growing Outfit, merely send your name and address, with 6d. in stamps for postage, to the Leighton Laboratories, as below. Only one FREE Outfit will be supplied to each household. Additional outfits, however, can be had from the Laboratories for 3/- and 6d. for postage.

QUINOLOX - - 2/6 BI-PASTRATE - - 1/9
QUIN-QUENNA 6d. MARGERY SOAP - 1/2

Obtainable at all chemists.

Applicants for Free Outfits should enclose 6d. in stamps to cover postage and address letters to

LEIGHTON LABORATORIES,
D.M. Sample Department,
35, GRAY'S INN RD., LONDON, W.C.1

BOURJOIS

PARIS.

POUDRE de RIZ de JAVA

No. 45. 2/- Size.		No. 495. 1/3 Size.	
1 doz. ...	16/- doz.	1 doz. ...	11/- doz.
6 ,, ...	15/9 ,,	6 ,, ...	10/9 ,,
12 ,, ...	15/6 ,,	12 ,, ...	10/6 ,,

The P.A.T.A. prices for "Poudre de Riz de Java" are 2/- and 1/3 per box.

"JAVA" Powder is now being largely advertised to the public.

LOOK TO YOUR STOCKS.

A. BOURJOIS & Cie, Ltd., 66 Carter Lane, LONDON, E.C. 4.

Also manufacturers of the celebrated "ASHES OF ROSES," 15/- per dozen.

A NEW WINDOW HAS BEEN PUT IN

Please send usual quantity "Quin-Quenna" and display. "It's always a good seller when shown," a chemist wrote us on the 7th inst. Evidently he knows what pulls these days, and the lines that help to pay rent, rates and taxes. May we suggest your following this excellent example?

Quin-Quenna

BETTER THAN A SHAMPOO

4/- per Doz.

Let us send 2 6 doz. carton, with 2 doz. 6d. packets free as bonus, with plenty of local show material of the kind that really brings business. CARRIAGE PAID.

P.A.T.A. **43%** Profit.

Thos. Christy & Co. 4-12 Old Swan Lane, London, E.C. 4.



STRODONIA Vanishing Cream.

NOW SUPPLIED IN

ALUMINIUM SCREW-CAPPED JARS.

10½d. size—7/6 doz. 1/3 size—10/6 doz.

FROM LONDON WHOLESALERS.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2/10/0 subject to ½-doz. 1/3 size Bonus for window display, net.; £1/10/0 subject to ¼-doz. 1/3 size Bonus for window display, net. Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

A. GIDLOW & CO.

(Established 1896)

Broom Lane, Levenshulme, MANCHESTER.

MANUFACTURERS OF

SHAVING CREAMS

Packed in 1-lb., 2-lb., 7-lb. Boxes and 56-lb. Cases.
Also packed in Collapsible Tubes.

PROPRIETORS & MANUFACTURERS OF

RENARD'S POMADE HONGROISE

Also supplied in unlabelled Tubes and Bulk.

Samples and Prices on Application.

WHOLESALE ONLY.

Gibbs

The Gibbs Stand at the Advertising Exhibition honoured by the Royal Party

WE had the honour of receiving a visit from the Royal Party at the Gibbs Stand during their visit to the Advertising Exhibition recently held at the White City.

The Display of Gibbs Dentifrice in its dainty de Luxe boxes was much admired by the Royal Visitors.

Amongst the other productions shown, "Noomies" and the new Bathlet wrapped in cellophane received especial attention from their Majesties and the Members of their Suite.

The Royal Party graciously accepted specimens of the Gibbs productions shown, as also did the Ladies and Gentlemen accompanying them.

The House of Gibbs esteem it a great pleasure to call attention to this mark of Royal approbation.

For over two centuries this House has stood for business integrity and the production of quality requisites for the toilet.

Gibbs prestige was never higher than at present—or their goods better.

You cannot sell *better* goods. Are *your* stocks right?

D. & W. GIBBS, LTD.
(Dept. No. S 12)
CITY SOAP WORKS,
LONDON, E.1.

By Royal
Appointment
Estd. 1712

ERASMIC TOOTH PASTE



stands alone as the most delicious and fragrant of all Dental Creams.

It is the most effective Tooth Cleanser, beautifier and preserver.

SPECIAL BONUS OFFER
for Window Display.
PLEASE WRITE FOR PARTICULARS.

ERASMIC - Perfumers - WARRINGTON

To Satisfy your Customers Is to Increase your Business

LINARIS TOILET PREPARATIONS

(1) Give absolute satisfaction–Guaranteed
(2) Are prepared from the finest Drugs obtainable.
(3) Show splendid profits to the Retailer.
(4) Invariably bring repeat orders.
(5) Are beautifully packed in Opal-topped Jars and large golden boxes tied with purple ribbon. Make a splendid counter show.

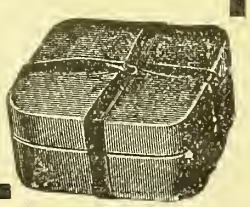
LINARIS Vanishing Cream
LINARIS Bath Powder
LINARIS Henna Shampoo Powder
LINARIS Camomile Shampoo Powder
LINARIS Massage Cream
LINARIS Tonic Cream
LINARIS Beauty Cream
LINARIS Face Powders

Profit of over 33⅓%

Send direct to
LINARIS TOILET PREPARATIONS (Dept. X)
31 Westbourne Grove, London, W.2



Carriage paid on all orders over £5.



The Finest Toilets obtainable from Powder Nilde Volnay Perfumes from Etc.

Look out for Stock Rooms

Northern Agents of
BEAZ Ltd.
BEES BUILDINGS
BLACKPOOL
Regent Toilet Co. London

PRICE LISTS ON APPLICATION.

MANICURES AND ALL SUNDRIES.

Delefine & Zeba Toilets & Perfumes

Try the Vanishing Cream	Shaving Creams
Perfumes	Brilliantines
Bath Crystals	Hair Tonics
Toothpaste	Hair Creams
Massage Creams	Etc., etc.

POTTER & MOORE'S
FROZEN LAVENDER WATER



Potter & Moore's world-famous 1749 Lavender Water in Stick Form.

FRAGRANT AND REFRESHING.

Protected P.A.T.A. Prices.

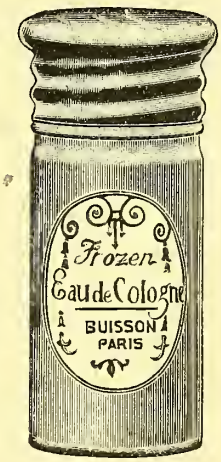
Wholesale **28/-** per doz. Retail **3/6** each.

Bonus terms on application.

BUISSON FRÈRES'
FROZEN EAU DE COLOGNE

▣ ▣ ▣

Buisson Frères' Fragrant Eau de Cologne in Stick Form.



▣ ▣ ▣

Popular with Motorists; invaluable in the Ballroom; a boon to Invalids.

Particulars on Application.

Sole Proprietors— **W. J. BUSH & CO., LTD.,**
ASH GROVE, HACKNEY, E. 8.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo.	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads	36/-	4/-
BARSYDE - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive prespiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS, and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY, Ltd. (Johannesburg)

INDIA:
KEMP & CO., Ltd. (Bombay)
THE INTERNATIONAL TRADING CO., Princess Street (Bombay)
R. MACLURE (Madras)
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta)
JAMNADAS BROS. (Bombay)

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington)

SOUTH AMERICA:
DEARBORN, Ltd., Calla Salta 264, Buenos Aires.

FOR LARGE BUYERS.

Pomade Hongroise

ALSO

Brilliantines, Dry Shampoo (Liquid), Bay Rhums, Toilet Paraffins, Lime Creams, Shaving Sticks, Tooth Powders, Dental Creams, Vanishing Creams, Shampoo Powders, and all Toilet Goods.

LOW PRICES for HIGH QUALITY.

C. A. STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,

11 ECLIPSOL WORKS, BRISTOL.



GEORGE HOLLIDAY & Co. LTD. PROPRIETORS OF

Midgley's Soaps

MEDICATED AND TOILET

325, City Road,
MANCHESTER.

18/12/20

AN OPEN LETTER TO PHARMACISTS.

Dear Sir,

Firstly, may we please wish you a real merry Xmas and a happy and prosperous New Year. With so much of anxiety on all hands at present — anxiety in business, anxiety in regard to the nation's welfare and solidarity at home and abroad — it requires a stout heart to rejoice and reflect the true Spirit of Xmas. Nevertheless, the Season reminds us that our hope is always in the future and herein our faith remains unshaken.

Looking into our own resources to see where our Xmas greetings can take practical form we have decided to increase in the New Year the margin of profit enjoyed by Pharmacists on Midgley's Medicated Soaps by 5%. The cost of raw materials has now eased, but general costs otherwise have not. Consequently there is not yet justification for any general reduction of price. We are pleased, however, to be able to offer this concession to Pharmacists as a practical New Year's gift, believing it to be something needed, something justified, something they have not to pass on to others but feel the benefit of themselves.

May we just remind you again that Midgley's Medicated Soaps are *advertised only to Medical Men* and distributed *solely through Pharmacists.* They are the most exhaustive range manufactured in this or any other country. The margin you can now secure totals 37½% off fixed retail prices, and to the best of our knowledge and belief Midgley's is the only range of Medicated Soaps sold *exclusively* through Pharmacists. We are prepared to send our Medical brochure containing indications and therapeutic values, together with free samples, to *your doctors* in *your name.*

Yours sincerely,
GEORGE HOLLIDAY & CO. LIMITED.

SAPON SOAP

DELIGHTFUL TO USE—PROFITABLE TO SELL—PERFECT FOR THE SKIN.



MADE FROM CEREAL BY-PRODUCTS.

DOES NOT COMBINE WITH LIME OR MAGNESIA SALTS IN WATER.

LATHERS FREELY IN HOT OR COLD, SOFT OR HARD, AND EVEN SALT WATER.

WONDERFUL RUSSIAN TAR, SWEET-SCENTED IDEAL, AND OTHER VARIETIES.

RECOMMENDED BY DOCTORS AND NURSES EVERYWHERE.

We are in no way connected with any combine of soap makers.

BETTER SOAPS—BETTER PROFITS.

WRITE FOR PRICE LIST:

SAPON SOAPS LTD., LONDON BRIDGE, E.C. 4.



Mr. Geo. R. Sims' "Tatcho" and "Tatcho-tone."
A big vigorous, impressive advertising campaign, covering the whole of the British Isles, is now being pursued. A vastly increased volume of business is inevitable. Generous profit to the trade has been arranged.

TATCHO
THE HAIR GROWER
Price 2/9

Wholesale: **26/-** PER DOZEN.

TATCHO-TONE
FOR GREY HAIR
Price 4/6

Wholesale: **42/-** PER DOZEN.

GEO. R. SIMS' HAIR RESTORER CO.
5 Great Queen St., Kingsway, LONDON, W.C.2.

'RECAMIER' Toilet Productions.

ACKNOWLEDGED TO BE UNIQUE.

Chemists can recommend them with confidence, and they carry a good profit. Just the thing for your Xmas trade.

Enquiries Invited.

PRICES:

Crème Recamier, 1/6, 3/- and 5/6
Savon Recamier, 1/3 tab., 3/6 3-tabs.
Crème de la Harem, 1/3, 2/6 and 4/6
Special Face Powder, 1/9 and 3/-

We will supply Chemists with a Few Samples and Counter Literature Gratis.

Recamier Toilet Products Co.
4 ST. JAMES'S STREET, LONDON, S.W.1

Pompeian
BEAUTY PREPARATIONS

The Phenomenal Success of Pompeian Advertising

THE phenomenal success of the Pompeian inaugural advertising has exceeded even our liveliest expectations—

Pompeian is the *one* Toilet line that is selling well to-day.

You will remember that a prominent feature of this campaign was the distribution of liberal samples at 9d. each, to be applied for on coupons cut from the advertisements—thus each application cost the sender 1/-. In spite of this charge, immediately the advertising began we were bombarded with applications to such an extent that our stock of sample boxes, numbering over 50,000, was speedily cleared out, and we were forced within three weeks to suspend the offer in order to get a breather and to replenish our stock of sample boxes. When this is accomplished we shall again carry on with the sampling. Meantime, of course, the advertising continues with unabated vigour.

This little history is to give you an idea of the effect of the Pompeian advertising, and of the enormous and astonishing interest evinced by the public. It is the aim of our present and future advertising to convert this interest into sales for you.

Remember, Pompeian is quite a *new* line—opening up for you a new and certain source of profit. Be alive to the occasion—stock Pompeian Beauty Preparations and get your share of the business.

¶ NOTE: Pompeian MASSAGE Cream, Pompeian NIGHT Cream and Pompeian FRAGRANCE are not yet being heavily advertised, they have already an excellent sale. Order as much as you like of these as well as Pompeian BEAUTY Powder, Pompeian DAY Cream and Pompeian BLOOM. The advertising will ensure your making quick turnovers.

You cannot afford to miss the big Pompeian profits—Send us at wholesale an order TO-DAY.

J. E. ELLIS, Ltd. (Dept. CD4)
50 Wellington Street, LEEDS
(Sole Pompeian Agents for the United Kingdom).

	Per Doz. Net. £ s. d.	Retail Price each. s. d.
Pompeian Beauty Powder. A high-class face powder—delightfully perfumed	1 1 0	2 6
Pompeian Day Cream (Vanishing). White and pure, especially suited for oily skins. Attractively perfumed	1 1 0	2 6
Pompeian Bloom. A rouge in a hard cake (boxed) with puff—light, medium and dark	1 1 0	2 6
Pompeian Massage Cream. A pink cream for cleansing and massaging the skin ... Small	1 1 0	2 6
Do. do. Medium	1 12 0	3 10
Do. do. Large	2 2 0	5 0
Pompeian Night Cream. A perfected cold cream... Tubes	12 7	1 6
Do. do. Small Jar	16 1	1 11
Do. do Large Jar	1 12 2	3 10
Pompeian Fragrance. A talcum powder with a delightful odour	10 6	1 3

Note exceptional PROFIT of 43% on outlay; 30% on sales plus extra 5% discount for £5 upwards.

Overstocks gladly reduced.
P.A.T.A.

GIVE it a good show and it sells itself. There is nothing just like it. The excellence of the product and the practicability of the box make customers for you.

Shows you 33⅓% on selling price.

POUDRE NILDÉ

in the Sifter Box.

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

MINIMUM SELLING PRICES:

ROUGE INVISIBLE NILDÉ

in the sifter box.

Small size - - - -	1/6
In leather case - - - -	5/6

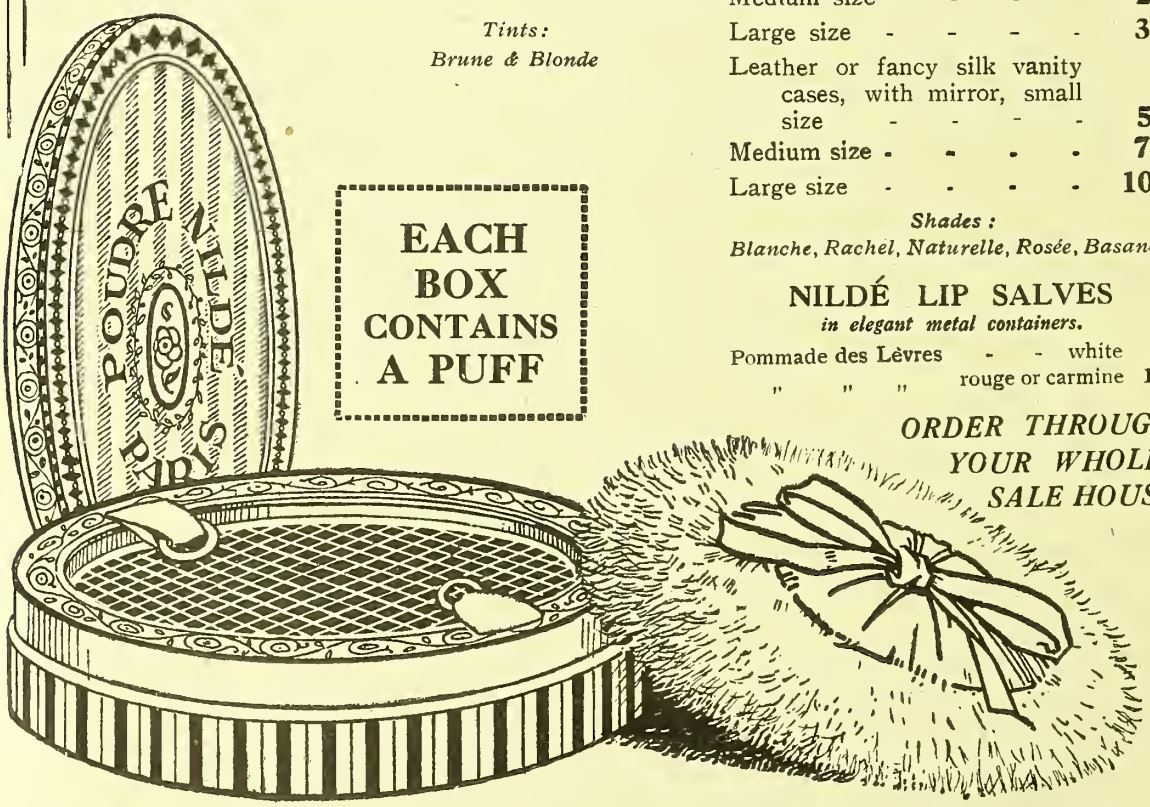
Tints:
Brune & Blonde

POUDRE NILDÉ

in the sifter box.

Handbag size - - -	1/-
Medium size - - -	2/-
Large size - - - -	3/6
Leather or fancy silk vanity cases, with mirror, small size - - - -	5/-
Medium size - - - -	7/6
Large size - - - -	10/-

Shades:
Blanche, Rachel, Naturelle, Rosée, Basanée.



EACH BOX CONTAINS A PUFF

NILDÉ LIP SALVES

in elegant metal containers.

Pommade des Lèvres - - white	1/-
" " " rouge or carmine	1/3

ORDER THROUGH YOUR WHOLESALE HOUSE

GET your stock ready to meet the demand we are creating. This product is as good as the face powder, and will sell as easily.

Shows you 33⅓% on selling price.

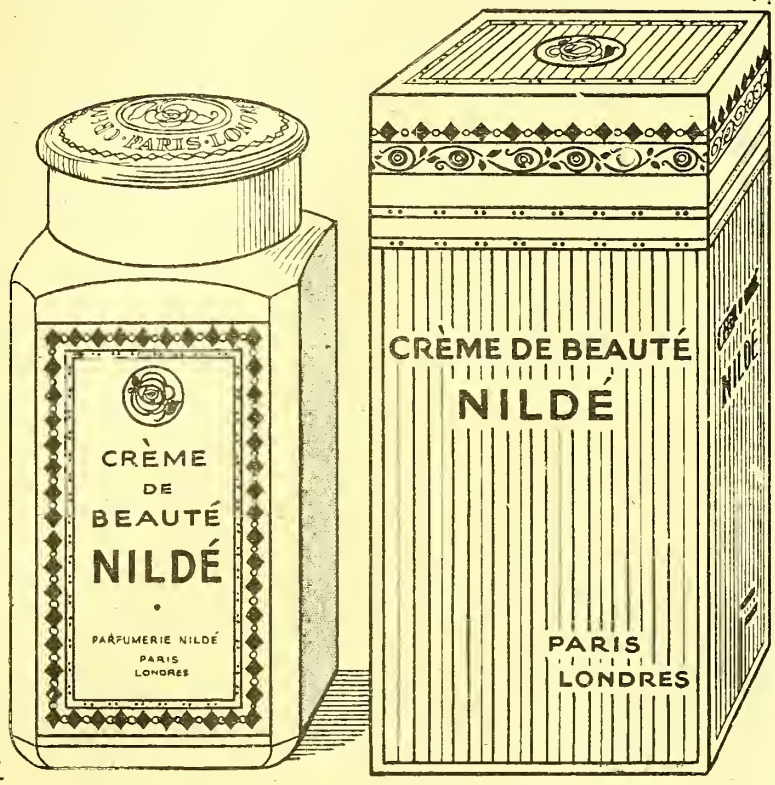
CRÈME DE BEAUTÉ NILDÉ

A perfect product in a practical and attractive packing. Will be largely and widely advertised to the public for our mutual benefit.

A reproduction of the press advertising will be sent you on request to our agents.

MINIMUM SELLING PRICE **2/-**
Large **3/-**

In two Shades:
Blanche and Naturelle.



ORDER THROUGH YOUR WHOLESALE HOUSE.

NILDÉ, Paris

British and Colonial Agents:

8 BLENHEIM ST., LONDON, W.1.

PAPIER POUDRÉ

TRADE MARKS



"LEHCARESOR."

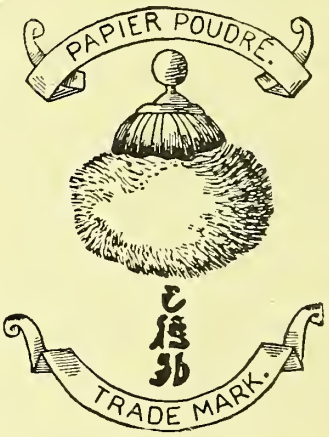
Papier Poudré

British Made Goods.

Beware of Spurious Imitations

Note our Trade Marks.

REGISTERED



PAPIER POUDRÉ, LTD.,
46 Baker St., Portman Sq., London, W.1.
and in Paris.

WHITE, ROSE or RACHEL Tints, 4d., 6d., 8d. and 1/4 size Booklets, 2/8, 3/9, 5/- and 10/- per dozen net, respectively.

SUNBURN TINT, 8d. & 1/4 sizes only, 5/- & 10/- per doz. net.

REFILLS to Mirror Cases in White, Rose or Rachel ... ... **2/8** per doz. net.
8d. SHAVING PADS, for Use after Shaving (unscented). White only ... **5/-** per doz. net.

POPPŒA ROUGE

A most popular line. (Regd.)

Made in booklet form. One size only, viz. **1/–**, at **8/–** per dozen net.
Mirror Cases 1/4 at **10/–** per doz. **Refills** for same **6d.**, at **3/9** per doz. net.

NOTICE TO THE TRADE.—As supplies of material have now reached a state of normal condition we are in the position of being able to execute all orders.

PAPIER POUDRÉ, Ltd., 46 BAKER STREET, PORTMAN SQ., LONDON, W.1



MALACEÏNE





MALACEÏNE PRODUCTS

Manufactured by

"PARFUMERIE MONPELAS"

PARIS.

No.		On the P.A.T.A. Wholesale Price Per Doz.	Minimum Retailing Price Each.
62	Crème Malaceïne, Small size - -	21/-	2/6
63	,, ,, Medium size - -	42/-	5/-
64	,, ,, Large ,, - -	66/-	7/6
67	Poudre Malaceïne - - - -	34/-	4/-
71	Malaceïne Toilet Soap - - -	31/-	3/6
78	,, Shaving Soap - - -	31/-	3/6

SHOWCARDS SUPPLIED.

An extensive Advertising Campaign is now proceeding in all the principal Society Papers.

SPECIAL TERMS for Home Trade—

Small quantities - - - - - 7½% 1 Month

£5 lots and upwards - 5% Invoice and 7½% 1 Month

SOLE WHOLESALE AGENTS FOR

GREAT BRITAIN, IRELAND, SOUTH AFRICA and INDIA—



WILLIAM TOOGOOD LTD.
77, SOUTHWARK ST
LONDON, S.E.1.



OILS

IN CASES OR BARRELS

Peanut — Soya Bean
Maximum 2% Acidity
Linseed — Rapeseed
Peppermint — Cocoanut

POTATO STARCH
(Farina)
VEGETABLE WAX
INSECT POWDER
CAMPHOR, REFINED

We shall gladly quote by cable, c.i.f. any port in the world.

Our firm is entirely owned and operated by British and Americans.

THE MUTUAL TRADERS
24 NAKAYAMATE-DORI, 2 CHOME, KOBE, JAPAN.
Cable Address: "SIMSLAND."
(8)

BIDWELLS

SPECIAL NOTICE.

We are now putting up £12 parcels of assorted HAIR BRUSHES, and £3 parcels of NAIL BRUSHES, suitable for Christmas Trade. Attractive lines and good value. Let us send you one.

AXMINSTER - - DEVON.

(WHOLESALE & EXPORT).

VERNON POWELL LTD.

THE HOUSE FOR TOILET REQUISITES

9 & 10 St. Andrew's Hill, LONDON, E.C.4.

COMBS

DRESSING . . DUST . . POCKET



BRUSHES NAIL FILES ORANGE STICKS
EMERY BOARDS WASHING SQUARES
TOILET CHAMOIS.

DRUGGISTS' SUNDRIES.

SILICATES OF SODA

In large and small quantities.

WE BEAT ALL COMPETITION

Apply for special C.i.f. offers.

Het Chemicalienhantoor
M. W. NEUMANN,
N. Z. Voorburgwal 318, Amsterdam



Actual Size.

By COMMON CONSENT

THE PREMIER

for giving

BRILLIANT, LASTING POLISH

to the

FINGER NAILS.

DAINTY HINGED

ALUMINIUM BOXES

WITH FULL DIRECTIONS

PER **6/-** *DOZEN.*

IN SHOW BOXES OF ONE DOZEN.

Manufactured by

SOLPORT BROS., LTD.

184-190 Goswell Road, LONDON, E.C.1

Obtainable through all Wholesale Houses.

Macmilatur

REG. TRADE MARK.

HIGH-CLASS

MANICURE PREPARATIONS

LONDON .·. PARIS

¶ Our High-class Manicure Preparations are put up in a blue and white striped packing under the registered Trade Mark.

Macmilatur REGD.

No.		Price per doz. to Retailer	Selling Price
732	White Nail Polishing Stone	5/6	9d.
596	" " " " Large Size	12/-	1/6
726	Flexible Emery Boards	5/6	9d.
724	Genuine Orange Sticks	12/-	1/6
734	Nail Polishing Cream, Waterproof	12/-	1/6
722	Cuticle Cream	12/-	1/6
738	Liquid Nail Varnish	12/-	1/6
744	Nail Polishing Powder	12/-	1/6
	"Compact" Manicure Set with Ring Polisher and Plated File	48/-	6/6

MACMILLAN & ARTHUR

1, 2, 3 & 4 Giltspur Street, E.C. 1.

Wholesale and Export ONLY.

COMBS

DRESSING - RAKE - TOOTH

Write for Samples and Quotations for immediate delivery.

J. A. BROTHERS,

17/18 Chapel St., Whitecross St., London, E.C.2

Phone: CITY 5321.

ENVELOPES & WRAPPING PAPERS

FOR CHEMISTS' USE

Seidlitz Blue Paper & Powder Bags
Seidlitz White Paper & Powder Bags
Pill & Tooth Brush Envelopes
Greaseproof Shampoo Inner Bags
Stocked in several sizes

We specialise in the manufacture of small envelopes for chemical packing down to 1¼ inches square.

ESTABLISHED 1865

ALFRED MACKRILL & CO.

11 St. Mark's Road, LONDON, S.E. 5.

Phone: Brixton 1995

We Manufacture all we sell. **We have representatives in Manchester, Glasgow & Ireland.** **Wholesale & Shipping only supplied.**



MANICURE SETS

MANICURE PARTS

HANDLES

NAIL FILES

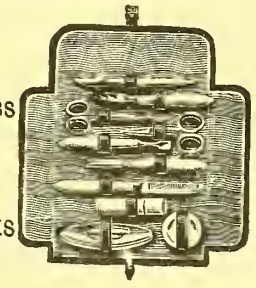


DRESSING COMBS

DUST COMBS

BRUSH BACKS

ERINOID ARTICLES

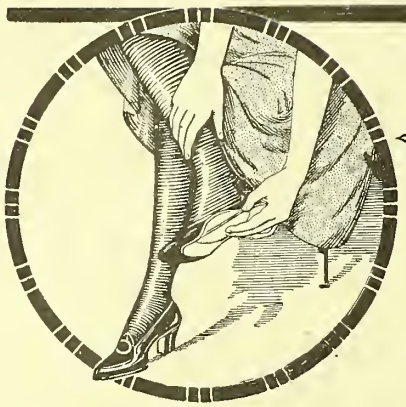


MYERS, LUMOS & CO., Ring up North 2976.

Sales Offices - 68 Blackstock Rd., Finsbury Park, N.4.

Factories:

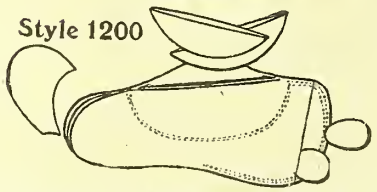
Islington & Finsbury Park, London, N.4.



ARROWSMITH
FOOT CORRECTORS

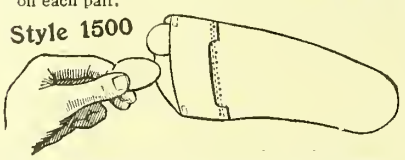
A special and profitable line of Foot Appliances for Chemists

Style 1200



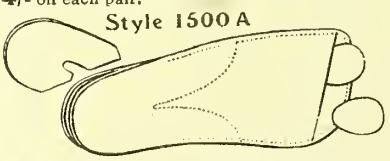
Combination Callous Remover, Arch Developer and Heel Adjuster.—Corrects the balance of the whole foot. Prevents and corrects callouses, bunions, weak arches, run-over-heels and all foot pains. Self-adjustable, light and flexible. Wholesale price **86/-** per doz. pairs. Retail Price **12/-** per pair, clear profit of **4/10** on each pair.

Style 1500



Callous Remover.—For all fore-foot troubles—callouses, blisters, hammer-toe, corns, etc. Adjustable pads remove pressure and give quick relief. Featherweight, and can be worn in any shoe. Wholesale Price **72/-** per doz. pairs. Retail Price **10/-** per pair. Clear Profit of **4/-** on each pair.

Style 1500 A



Callous Remover and Heel Adjuster.—Of similar construction to the Callous Remover (Style 1500) with the special Heel Levelling feature added. This appliance prevents run-over-heels, or corrects where condition exists. Wholesale Price **78/-** per doz. pairs. Retail Price **10/6** per pair. Clear Profit of **4/-** on each pair.

SPECIAL CHEMISTS' STARTER ASSORTMENT.

6 pairs	Women's, Style 100 at 72/- doz		£1 16 0
6 ,,	Men's, ,, 100 at 72/- ,,		1 16 0
3 ,,	Women's, ,, 1200 at 86/- ,,		1 1 6
6 ,,	Women's, ,, 1500 at 72/- ,,		1 16 0
3 ,,	Men's, ,, 1200a at 84/- ,,		1 1 0
			£7 10 6

SELF-ADJUSTING

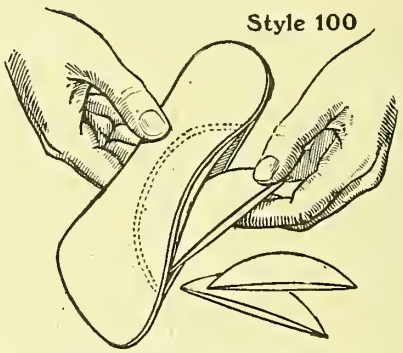
THE self-adjusting features of "Arrowsmith" Foot Correctors make them particularly suitable for the Chemistry Trade to handle.

THEY are made entirely from pliable leather, and fitted with pockets, into which the pads provided can be inserted or withdrawn as required. The individual wearer, therefore, can adjust the "Arrowsmith" Supports in a few seconds to suit the exact needs of his or her particular case.

GREATER PROFITS IN LESS TIME.

IT is no longer necessary for Chemists to equip themselves with elaborate machinery for fitting and adjusting Foot Appliances provided they stock "Arrowsmith" Foot Correctors instead of the ordinary metal kind. "Arrowsmith" Appliances can be properly fitted and sold by any dealer or salesman in two minutes.

Style 100



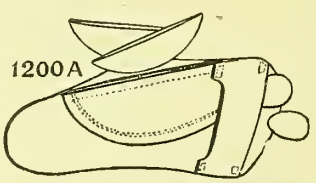
Arch Developer.—Scientifically made to develop and strengthen the foot. Gives instant relief and gradually corrects tired, painful, weak or flat feet. Self-adjusted by loose pads. Light and unbreakable. Wholesale Price **72/-** per doz. pairs. Retail Price **10/-** per pair. Clear Profit of **4/-** on each pair.

Style 1700



Heel Adjuster.—Prevents turning over at heels, acts as elevator, and corrects balance of whole foot. Keeps footwear in good shape. Inserts supplied for individual adjustment. Wholesale Price **57/-** per doz. pairs. Retail Price **7/6**. Clear Profit of **2/9** on each pair.

Style 1200A



Callous Remover and Arch Developer.—Relieves pain in instep or ball of foot, and corrects corns, bunions, Morton's toe, weak arches, etc. Quickly adjusted to give individual relief. Comfortable to most sensitive feet. Wholesale price **84/-** per doz. pairs. Retail price **10/6** per pair. Clear profit of **3/6** on each pair.

Featherweight—Comfortable—Unbreakable.

A national advertising campaign has been commenced to assist retailers.

Get a good share of this new and highly remunerative business by stocking "Arrowsmith" Foot Correctors NOW.

Write for special assortment to-day, or send for free booklet, "A Pleasant Road to Foot Comfort."

THE ARROWSMITH MANUFACTURING CO., LTD.

(Dept. C), 31 Duncan Terrace, LONDON, N. 1.

Children's Tonics

find a Ready Sale

at the Xmas Season.

Here are three Good Formulæ that should interest every Chemist

Children's Tonic.

Ph. J. Formulary No. 7589, page 880.

Glycerine Extract of Red Bone Marrow (Armour), Chemical Food (Syr. Ferri Phos. Co.), Fluid Extract of Malt. Of each equal parts.

DOSE.

Under 5 years, one small teaspoonful.

Over 5 years, one teaspoonful.

To be taken in water three times a day after meals.

Red Bone Marrow Tonic.

Alternative Formula.

Ph. J. Formulary No. 0145.

Glycerine Extract of Red Bone Marrow (Armour)	... 2 ounces
Easton's Syrup	... 4 drachms
Compound Syrup of Hypophosphites	4 drachms
Chloroform Water to make	... 8 ounces

DOSE: One tablespoonful in a little water immediately after meals.

Red Bone Marrow with Hypophosphites.

Ph. J. Formulary No. 10145, page 596.

Pharm. Forms, Vol. II., page 559,

Glycerine Extract of Red Bone Marrow (Armour)	... 5 ounces
Hypophosphite of Lime ...	... 2 drachms
Hypophosphite of Sodium ...	... 2 drachms
Simple Syrup	... 2 ounces
Distilled Water to make	2 pints

Mix and Filter.

DOSE: One tablespoonful to be taken in water immediately after meals.

We will supply labels for these free on application.

Glycerine Extract of Red Bone Marrow

("Armour")

is a palatable combination of fresh raw marrow from the rib bones of calves and chemically pure glycerine—containing hæmoglobin, marrow cells, nucleins, and other blood-forming substances.

Can be obtained of all Wholesale Houses in 4-oz., 8-oz., or 16-oz. bottles; also in Winchester Quarts.

Special quotations for bulk quantity, 1 gall. and upwards, from

ARMOUR & COMPANY, Ltd.

Queen's House,

Kingsway, London - W.C.2.

Telephone: Holborn 5900.
Telegrams: "Armorum, Westcent, London."

Armour's LABORATORY PRODUCTS

SOME TRULY REMARKABLE TESTIMONY FROM CHEMISTS

Who write us to tell of how "restless" they find their stocks of

REUDEL BATH SALTRATES AND ALKIA SALTRATES

The best of all preparations for the bath.
Sells at 2/- and 3/3 (P.A.T.A.).

The Acme of perfection in Salines.
Sells at 3/3 a large bottle (P.A.T.A.).

These products simply will not stay on the shelf.

NOTE.—The following statements were sent us without solicitation of any kind.

Mr. Chas. Robertson of St. Andrews, wrote us saying that our products were proving so restless that he had difficulty in keeping them on his shelf. He had just made three sales within 15 minutes. Mr. J. L. Lewis of Harlesden, and many other Chemists have also written us telling of similar experiences.

In a recent advertisement we reproduced Mr. Robertson's letter in facsimile, and Mr. A. W. Cornish of Bristol, after reading that announcement, now writes us to say he has eclipsed even Mr. Robertson's record, having himself made four sales in five minutes.

By special permission, we reproduce below, in full, the letter which Mr. Cornish has kindly sent us.

A.W. CORNISH, M.P.S.
THE PEOPLE'S CHEMIST
The Oxford Pharmacy 188 Lower Ashley Rd.
BRISTOL

Messrs Saltrates Ltd.,
212/214, Gt Portland St,
London. W.1.

April 24th. 1920.

Dear Sirs;- I was reading through reproduction of Mr Robertson's (St Andrews) letter on page twelve of to-day's date Chemist & Druggist and I think this afternoon I surpassed his feat, in my shop as above. Four customers following, purchasing Saltrates preparations, as follows.

2/- Reudel Bath Saltrates) All in
3/3 Alkia Saltrates) five
2/- Reudel Bath Saltrates) minutes
3/3 " " ") or so.

Later on in the day I was asked for another 2/- size Reudel, but in this case the customer would not take the 3/3 size, so I missed the sale, having just sold the last small package. I am quite prepared to admit that this is a coincidence that does not often occur, and probably was in part due to other brother Pharmacists being "Sold out". But your preparations are always good sellers with me.

I thought the foregoing would interest you, and it is absolutely authentic, as my Lady Assistant can witness. If the "Tale wants adorning" and I may "point a moral", I would say never load up your shelves with goods that stick there, but to borrow Mr Robertson's "natty" phrase fill up with "restless" goods, which are restless to the point of removal for "Cash Till Food".

With compliments,
Yours faithfully,
A.W. Cornish

Sells without effort

TRADE 'LAXAMEL' MARK

Sells on its intrinsic merits and without effort on your part if you display it.

It is a jelly-like laxative, pleasant in appearance, palatable, safe and effective.



Reduced facsimile

Readily taken by those to whom the most refined liquid paraffin is objectionable.

Never fails to satisfy and brings repeat orders.

Issued in glass jars

BURROUGHS WELLCOME & CO., LONDON

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TOILET SOAPS.
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THE CHEMIST AND DRUGGIST
ESTAB 1859

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in the Overseas Dominions.

Subscription Rates. TWENTY SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy 9*d.* post free; *Diary*, 5*s.* post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 20s., franco.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 20ch., franco.

Terms for Advertising may be obtained on application to the Publisher

HEAD OFFICE: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus, Cannon, London." Telephone: Central 3617 (three lines).

BRANCH OFFICES: MELBOURNE AND SYDNEY, AUSTRALIA.

CONTENTS.

No. 25. Series 2134. Vol. 93.

	PAGE		PAGE
Almanacs and Calendars	66	English News	46
At the Counter	66	Festivities	55
Bankruptcy Report	66	French News	50
Births	57	Information Department	58
Business Changes	66	Insurance Act Dispensing	67
Christmas Holidays	45	Irish News	49
College Notes	66	Legal Reports	51
Coming Events	45	New Companies and Company News	52
Corner for Students	53	Observations and Reflections	59
Correspondence:		Personalities	57
Letters	75	Poisonings	48
Subscribers' Symposium	76	Profiteering Act	50
Legal Queries	76	Retrospect	76
Miscellaneous Inquiries	76	Scottish News	49
Deaths	57	South African News	54
Editorial Articles:		Trade-marks	58
The New *Diary*	60	Trade Notes	58
Responsibilities of Dispensing Chemists	61	Trade Report	70
Merchants and Dyes	62	Westminster Wisdom	56
Sale of Clinical Thermometers	62	Winter Session	63
German Colonial Activities	62		

Coming Events.

Friday, December 17.

Chemists' Defence Association, Ltd., Caledonian Room, Holborn Restaurant, London, W.C., at 3 P.M. Meeting of members to consider the effect of the Test Case and to bring about a working arrangement with the Retail Pharmacists' Union.

Monday, December 20.

Sheffield Pharmaceutical Students' Association, Wentworth Café, Pinstone Street, at 8.15 P.M. Meeting.

LIVERPOOL CHEMISTS' ASSOCIATION.—A children's party will be held on January 5, 1921, at 4 P.M. Members should send the names of children desiring to be present to the Secretary.

LONDON (WESTERN) PHARMACISTS' ASSOCIATION.—A Cinderella dance will be held at the Holborn Restaurant, London, W.C., on January 19, and pharmacists are asked to reserve the date for this event.

WINTER IN SWITZERLAND.—We have received a copy of "Pro Helvetia," a sumptuous publication devoted to setting forth the claims of Switzerland as a winter resort. The illustrations are admirably printed, and the information opens tempting prospects to anyone able to take a winter holiday. Further particulars may be obtained from the Swiss Federal Railroads Agency, 11B Regent Street, London, S.W. 1.

Christmas Holidays.

FROM Monday, December 20, to Friday, December 24, both days inclusive, the General Early Closing Order is to be suspended. The secretary of the Early Closing Association informs us that the majority of retail traders (with the exception of food shops) are closing from Christmas Eve until the following Wednesday morning.

We have ascertained that the following houses will close from Friday afternoon, December 24, to Tuesday morning, December 28:

Allen & Hanburys, Ltd., Bethnal Green, E. (Small urgent orders will be dealt with at 7 Vere Street, W.)
American Drug Supply Co., 6 Northumberland Avenue, W.C.
Baiss Bros. & Co., Ltd., Grange Road, Bermondsey, S.E.
Bell, John, Hills & Lucas, Ltd., Oxford Works, Tower Bridge Road, S.E.
British Drug Houses, The, Ltd., 22-30 Graham Street, City Road, N.
Burgoyne, Burbidges & Co., Ltd., East Ham, E.
Burroughs Wellcome & Co., Snow Hill Buildings, E.C.
Christy, Thomas, & Co., Old Swan Lane, E.C.
Curling, George, Wyman & Co., 56-59 Bunhill Row, E.C.
Edwards, W., & Son, 157 Queen Victoria Street, E.C.
Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.
Greeff, R. W., & Co., Ltd., Thames House, Queen Street Place, E.C.
Hay, William, Ltd., York Street, Walworth, S.E., and Walmsley Street, Hull.
Hewlett, C. J., & Son, Ltd., 35-42 Charlotte Street, E.C.
Howards & Sons, Ltd., Ilford.
Macfarlan, J. F., & Co., 9-11 Moor Lane, Fore Street, E.C.
Meggeson & Co., Ltd., New Church Street, S.E.
Morson, T., & Son, Ltd., 14 Elm Street, Grays Inn Road, W.C.
Sangers, 258 Euston Road, N.W.
Smith, T. & H., Ltd., 25 Christopher Street, E.C.
Sparks, White & Co., Ltd., Tenter Street, E.
Stevenson, H. E., & Co., 122 Great Suffolk Street, S.E.
Tompkins, James, Ltd., 386 City Road, E.C.
Toogood, W., Ltd., 77 Southwark Street, S.E.
Tyrer, T., & Co., Ltd., Stratford, E.
Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C
Wright, Layman & Umney, Ltd., 44-50 Southwark Street, S.E.

The undermentioned houses will close from Friday afternoon, December 24, to Wednesday morning December 29:

Berton, Arthur, Ltd., 15-17 Worship Lane, E.C.
Burge, Warren & Ridgley, Ltd., 91-92 Great Saffron Hill, E.C.
Carnegie, Bros., 227-229 Essex Road, N.
Darton Gibbs Co., The, 9 Aldersgate Buildings, E.C.
Davenport, J. T., Ltd., 117 Union Street, S.E.
De Vilbiss Co., Ltd., The, 71 Newman Street, W.
Goodall, Backhouse & Co., 54 Southwark Street, S.E.
Harker, C. R., Stagg & Morgan, Ltd., Devon Wharf, Emmott Street, Mile End, E. 1.
Hoffmann-La Roche Chemical Works, Ltd., The, 7 and 8 Idol Lane, E.C.
May, Roberts & Co., Ltd., 7 to 13 Clerkenwell Road, E.C.
Newbery, F., & Sons, Ltd., 27 and 28 Charterhouse Square, E.C.
Parke, Davis & Co., 50-54 Beak Street, Regent Street, W.
Reuter, R. J., 64 Carter Lane, E.C.
Stevenson & Howell, Ltd., 95A Southwark Street, S.E.
Swales, Thomas, Butt Court and Albion Street, Leeds.

The following houses will be closed for stocktaking or other purposes on the dates mentioned:

Bell, John Hills & Lucas, Ltd., Oxford Works, Tower Bridge Road, S.E., December 31 and January 1.
Burgoyne, Burbidges & Co., Ltd., East Ham, E., December 31 and January 1.
Hay, William, Ltd., York Street, Walworth, S.E., and Walmsley Street, Hull, January 3 and 4.
Howards & Sons, Ltd., Ilford, December 30 and 31.
Macfarlan, J. F., & Co., 9-11 Moor Lane, Fore Street, E.C., January 1.
Reuter, R. J., 64 Carter Lane, E.C., December 30 and 31.
Smith, T. & H., Ltd., 25 Christopher Street, E.C., January 1.
Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C., December 29 and 30.
Wright, Layman & Umney, Ltd., 44-50 Southwark Street, S.E., December 29, 30, and 31.

C C

Index Folio 1717

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Employment of Children.

The Board of Education has issued a circular announcing that it has been found necessary to withdraw the intimation that January 1 will be the "appointed day" for the operations of the sub-sections of the Education Act, 1918, providing for the abolition of the half-time system and the exemption from school of children under the age of fourteen. In many areas the half-time system is, however, already abolished, and fourteen is the age of exemption. This change has been made by by-laws which the announcement does not affect. It seems hardly likely that the proposals for compulsory continuation classes can be put in operation in places where the day school leaving-age is under fourteen. But, while the Board will probably not impose an "appointed day" for these clauses, local authorities may ask for the powers, as has already been done in some cases. Sir Robert Blair, education officer to the London County Council, announced, on December 15, that in London day continuation schools will open, unless something unforeseen happens, on January 10, 1921.

The Wiltshire Education Committee has received an objection to the new by-laws from a chemist, who asked for sanction to employ a boy to deliver medicines during certain hours. A sub-committee, which had dealt with the matter, expressed the opinion that, if people wanted medicine very badly, they could generally send for it, and it was decided not to grant exemption.

At a recent conference held in Hampstead under the auspices of the education committee of the London County Council, Mr. J. A. Alban Atkin, pharmacist and member of the Hampstead borough council, moved the following resolutions:

(1) That all reasonable facilities be granted for the part-time employment of children in such a manner as is not injurious to the children's health or detrimental to their education.

(2) That owing to the urgent need for national economy, the 1918 Education Act should either be postponed or only partially put into full working, as, if brought into full working, it will entail a largely increased expenditure at a time of grave financial crisis and at a time when we ought to be helping to increase business facilities instead of handicapping same.

Councillor Atkin introduced both motions in vigorous speeches. With reference to the second, he said that, before these new ideas were started, the country should be allowed to settle down, and the business men who had made great sacrifices during the war should be allowed their business facilities again. Now there was more pay, there was less work, and the "ca' canny" methods would result in sending trade overseas for the benefit of those who murdered their prisoners. Both the motions were carried.

Philip's "Standard" Retail Price List.

The proprietor of Philip's "Standard" Retail Price List has, for the cover of the current issue, adopted a new and appropriate design. The alterations in prices, of which the following are among the more important, show that even small alterations in cost have an effect on retail prices for small quantities when the pricing is done by a definite system: *Drugs.*—Ac. citric. pulv., 6*d.* oz.; ac. oxal. coml., 4½*d.* oz.; ac. salicyl., 6*d.* oz.; ac. tart. pulv., 4½*d.* oz.; alum. pur. pulv., 3½*d.* oz.; amyl. pulv. (rice), 2*d.* oz.; camphor. flor., 1*s.* 1*d.* oz.; cetaceum, 3½*d.* oz.; conf. sennæ, 4½*d.* oz.; crem. tartar. pulv., 4*d.* oz.; glycer. thymol. co., B.P.C., 2½*d.* oz.; lin. saponis meth., 3½*d.* oz.; magnes. cit. efferv., No. 1, 4½*d.* oz.; ol. anisi, 9*d.* oz.; ol. caryoph., 2*s.* oz.; ol. bacc. junip. exot., 2*s.* 9*d.* oz. (lig., 10*d.* oz.); pot. bromid., 4*d.* oz.; pot. carb. coml., 3½*d.* oz.; pulv. glycyrrh. co., 3½*d.* oz.; sal. acetos. pulv., 6*d.* oz.; sp. camph., 9*d.* oz.; succ. glycyrrh. (stick), 6*d.* oz.; syr. rhei, 4*d.* oz.; syr. scillæ, 3½*d.* oz.; syr. sennæ, 4*d.* oz.; tinct. benz. co., 8*d.* oz.; tinct. camph. co., 6*d.* oz.; tinct. quin. ammon., 7*d.* oz.; ung. ac. boric., 3½*d.* oz.; ung. sulph., 4*d.* oz. *Goods sold by pint, etc.*—Aq. dest., 3*d.* pt.; liq. calcis, 5*d.* pt.; ol. lini, 1*s.* 10*d.* pt.; ol. morrhuæ Nov. opt., 3*s.* 3*d.* pt.; ol. tereb., 2*s.* 3*d.* pt. *Surgical Dressings* (*Packed*).—Lint, white, absorb., 1-oz., 6½*d.*, 8-oz. 3*s.* 9*d.*; lint, boric, 1-oz. 4½*d.*, 8-oz. 2*s.* 5½*d.*; bandages, water dressing, No. 1, 1-in. 2½*d.*, 3-in. 7*d.*

Dyestuffs (Import Regulation) Bill.

A deputation of the British Chemical Trade Association was received on December 13 at the offices of the Board of Trade by Sir Philip Lloyd-Greame, K.B.E., M.C., M.P., Parliamentary Secretary to the Board of Trade. The secretary of the Association, in submitting the views of the merchant trader on this measure, pressed for the Bill to be amended so that merchants would receive recognition on the Advisory Committee. Strong reasons in support of this proposal were given, and it is understood that the matter is being considered by the President of the Board of Trade. Traders feel that they have every right to expect such recognition, as this legislation will directly affect them and their thousands of customers—the small consumers of dyestuffs—who are not represented by the large consuming combinations. There is no doubt that the election of a competent dyestuffs trader would be a great asset and would give a better balance to the Committee. Feeling on this point is very strong, and it is certain that unless the Board of Trade agree to the suggestion of the Association much discontent and mistrust will arise among traders. The secretary regrets that owing to the very short notice given that this Bill was going to be introduced it was found impossible to arrange for a public meeting of traders to discuss the matter, but representative views were obtained and put before the Board of Trade at the meeting referred to. Every possible precaution has been taken to safeguard the traders' interests, but as it would not now serve any useful purpose it is not considered desirable or necessary to call a general meeting of the trade.

Infant's Death from Tetanus.

An inquest was concluded at Portsmouth, on December 13, on the body of an infant five days old. The evidence showed that at the birth vaseline had been applied to the umbilical cord. Mr. Brodrick, barrister, represented the Chesebrough Manufacturing Co., and Mr. G. T. Allen, solicitor, appeared for Timothy White Co., Ltd., chemists, from whom the vaseline had been purchased. Dr. M. Fraser, medical officer of health for Portsmouth, said that Dr. S. Green, the medical attendant in the case, asked him to have the vaseline examined; and, as he could not very well have it done in the town, he sent it the next day to the Ministry of Health in London. Asked if a paper disc was not generally supplied with these bottles, he said he did not notice a disc. A few days after sending this first sample to the Ministry of Health, they wrote down and told him they had found tetanus bacilli in the vaseline. He then submitted to them half-a-dozen other samples. The second batch of samples had also been obtained from Timothy White's. He had a subsequent report to the effect that there were no pathogenic organisms in the vaseline itself, but from one of the paper discs in the bottles they had obtained tetanus and other bacilli. Asked what, in his opinion, set up the disease in this case, Dr. Fraser said there was a strong presumption that the vaseline in the bottle from which the supply had been taken had been infected by tetanus bacilli from the disc. In reply to the coroner, Mr. Brodrick, for the manufacturers, said that they made this preparation literally by hundreds of thousands of tons; and, so far as he knew, there never had been a case of this kind before. Apart from what were mere suspicions in this case, they had made arrangements with regard to these discs which appeared to the Ministry of Health to be entirely satisfactory, and the possibility of another such case as this would not have to be deplored. The coroner, in summing up, said that this was an important case, as it raised what appeared to be an entirely new point on the subject of disease-carrying. It was possible that in this case the

vaseline was infected by contact with the paper disc. Infection might, of course, have been caused from other sources—for example, an unclean dressing—but there was no evidence of that sort. The case raised this grave possibility in many directions quite outside the Chesebrough Manufacturing Co., and it was very satisfactory to find that, so far as they were concerned, they had taken steps to prevent the possibility of any similar case, and that what they had done appeared to have met with the approval of the Ministry of Health. His verdict was that the deceased died from tetanus, the bacilli coming from the vaseline, by misadventure. (See also p. 75.)

Birmingham.

Daring daylight robberies are becoming more frequent.

"No German goods sold here," runs a notice which is being displayed on all sides.

The public examination of Phineas Keats has again been adjourned to January 19, 1921.

The wintry weather has created a considerable increase in the sales of seasonable remedies.

"Medico," of the "Birmingham Weekly Post," extols the virtues of the essential oil of aniseed and of horehound.

Local shops will, in most cases, be closed on Christmas Day, Bank Holiday, and the following Wednesday afternoon.

Mr. Hawley, who was first assistant to the city analyst, has been appointed public analyst for the Borough of Stepney.

Mr. J. F. Hall-Edwards, surgeon and radiographer, Edgbaston, has been nominated for a vacancy on the city council.

The first of a series of sermons by laymen was given by Mr. W. Marshall Freeman in St. Paul's Church, Ludgate Hill, on December 12.

The luminosity and calorific value of coal-gas seem to be in inverse proportion to the price, which has recently been increased to 4*s.* 10*d.* per 1,000 cubic feet.

The Alchemy Masonic Lodge, No. 3950, has, per Mr. Fred Barlow, P.M., charity steward, subscribed 600*l.* to the Birmingham "Mail's" Christmas-tree Fund.

Mr. E. Gower Bryant, F.C.S., Ph.C., of Robert Gordon's Technical College, Aberdeen, recently paid a visit to the city and was introduced to several pharmacists.

A gentleman of scientific attainments had occasion to attend the Birmingham assizes, and inquired of a constable if there was an hotel in the vicinity. Robert turned to his "comrade in arms" and said: "Bill! do you know where the vicinity is?"

Bradford.

Bradford Corporation has accepted the tender of the United Alkali Co., Ltd., for chloride of lime.

Dr. G. S. Mather has been appointed assistant bacteriologist to the Bradford Health Committee in place of Dr. Eddington, resigned (*C. & D.*, October 30, p. 66).

Leeds.

Artistic calendars are still distributed by several of our local chemists, and often find their way into remote corners of Yorkshire.

Sir William Brotherton and Goodall, Backhouse & Co. have recently subscribed. 10,000*l.* and 500*l.* respectively to the Leeds University fund.

Local opinion inclines to the idea that the damages against a York chemist in a recent case (*C. & D.*, December 4, p. 69) were surprisingly heavy.

In most chemists' Christmas window-displays, cameras and manicure-sets predominate. The number of the latter bought by a retail pharmacist to-day would have appeared a wholesale transaction a few years ago.

Liverpool.

Hot-water bottles and electric torches are among the lines offered by pharmacists at reduced prices.

The Pharmacists' Masonic Union has received about a hundred promises for the inaugural dinner to be held on January 12, 1921.

Fog and snow have combined to bring about the most inclement period noted for several years. The influence on trade has been considerable.

"You are lucky to obtain an English tooth-brush," was the remark which the other day accompanied a down-town pharmacy sale. "Most of the tooth-brushes on the market are Japanese" the customer was informed.

It is a sign of the times that the Coloured Supplement of the *C. & D.* finds eager readers among assistants in certain of the multiple shops. One experienced assistant is on the point of leaving for South Africa.

An influx of chemists' assistants from Ireland is a novel feature of the week in Liverpool. In a single morning three applied at a central-area pharmacy for employment. Some of the exiles went inland, and a few were stated to have headed for London.

Few cities can vie with Liverpool in window-dressing, it is believed; and the pharmacists have not only maintained, but raised, the high local standard by their Christmas displays. Perfumery takes a leading place, and never have the sprays been so richly varied. A French line in glass is attracting notice by artistic beauty and novelty. Everywhere in "Mersey City" the windows of the single and multiple pharmacies command a large share of public attention.

Manchester.

The next meeting of the Manchester Pharmaceutical Association, on January 12, 1921, will not be held at the new rooms of the Association but at the Midland Hotel. The February meeting will be the first general meeting to be held in the new rooms, Houldsworth Hall, Deansgate.

Mr. D. N. Fullerton, chemist and druggist, late secretary of the National Association of Chemists' Assistants (now a part of the Drug Union), was, at a dinner at the Grosvenor Hotel on December 8, presented by the members of the Association with a settee and two divan chairs in recognition of his work. Complimentary speeches and music completed a very enjoyable evening.

The large departmental stores in Manchester are keen competitors in the perfumery trade, many of them having very striking and effective window-displays of well-known perfumes. Nevertheless, most of the city chemists can be said to be holding their own, and are confident that they are selling more perfume than ever. The following are among the important displays in the city:

Blain & Hankinson (Taylors' Drug Co., Ltd.), 69 Market Street, have a good range of noted makes of perfumery in single bottles and fancy cases in one window, while in the other they have a good show of cameras.

Boots, Ltd., have some effective and tasteful displays of perfumery at their various branches, especially the St. Ann's Street, Market Street, and Oldham Street branches.

Bryan & Spedding, chemists, 48 Deansgate, have one of the most attractive displays in the city. In a brilliantly lighted window, at a busy corner, this tasteful display of perfumery (over 500*l.* worth) by well-known makers is attracting great attention and patronage. Across the upper part of the window are two posters: "Give Her Perfume" and "Your Choice Perfume." In the side window is shown in an attractive manner the novelty for children, "Lotts Bricks," and also a display of Kodaks and Brownies.

Bury, Ltd., St. Ann's Street, have an attractive window-display which is quite up to their usual high standard, showing in a small space a good assortment of perfumery and toilet-requisites for presents.

Mr. A. Galloway, Oxford Street, has two really good windows, packed with a wonderful assortment of Christmas presents. All the well-known makes of perfumery, together with hair-brushes, perfume-sprays, manicure-sets, and Kodaks, are tastefully displayed.

Charles Midgley, Ltd., Exchange Street, have two tastefully dressed windows with a fine assortment of perfumery and toilet requisites. Hair-brushes, hot-water bottles, manicure-sets, and vacuum flasks combine to make an attractive show. In the "island" showcase is a novelty, "Devon Lavender Water," in fancy jars and wickered bottles.

Mottershead & Co., 7 Exchange Street, have a good display of perfumery, including eau de Cologne and lavender water (the latter their own make, for which they are famous). They also show cut-glass bottles, caskets, and perfume-sprays.

Thompson & Capper, Ltd., Piccadilly, make good use of the new shop-frontage they recently had installed. In the window on the right of the entrance is an effective display of the various makes of safety razors, manicure-sets, hair-brushes, and hot-water bottles. The window on the left contains a varied and choice selection of perfumery. A bold showcard in the centre attracts the eye; the wording is as follows: "Perfume being now so valuable, makes a most valued present." The third window contains a good display of Kodaks and Brownies. A poster across the window, with the following wording: "Give a Kodak. The gift that is different," completes an effective show. At their other branch in Deansgate there is a similar show, most of the leading makes of perfumery being displayed.

Westmacott & Son, Market Street, have a bright display of Christmas perfumery and fancy soaps. The various sizes of Zenobia and other proprietary perfumes make a good assortment.

The following are the chief displays in the suburbs:

Mr. A. A. Auger, Chorlton, who makes a leading line of gramophones, uses this to tempt buyers who desire something entertaining.

Mr. F. W. Bates, Brooks Bar, has a specially effective display of manicure specialities, with hot-water bottles and a good assortment of perfumery.

Mr. J. S. Breese, Rusholme, has a neat and effective display of perfumery, fancy soaps, and safety-razors.

Mr. John Cleworth, 56 Ducie Street, Greenheys, has one window filled with some very fine specimen enlargements, with a novel showcard (a bromide print 12 by 10 in.) on which appears "An ideal Xmas present is an Enlargement." In the same window Kodaks and Brownies are effectively displayed, together with specimens selected from a number of amateur prints, developed and printed on the premises. In the other window is a good and useful selection of gifts suitable for Christmas presents—perfumery, hair-brushes, manicure-sets, and hot-water bottles making the tempting bait.

Mr. V. Cromack, Rexall Pharmacy, Oxford Road, has an uncommon and original display. A large four-fold screen occupies the central position, on which appear various posters inviting customers to make their Christmas selection early.

Mr. R. G. Edwards, Fallowfield, gives a prominent place to a Rexall announcement, while Yardley's soaps and perfumery, Zenobia perfumes, safety-razors, and manicure-sets make an effective show in the main window. The smaller window contains a neat display of cameras, above which a leading line in vacuum flasks is offered at a reduced price of 4*s.* 11*d.*

Mr. Flint, Choriton, shows how drapery neatly arranged and shaded electric light help to make the window-display of perfumery and toilet requisites unusually attractive.

Mr. Harrison (Kemp's), Chorlton, has one window filled with an effective show of perfumery, while the other contains a Kodak display of cameras to suit all purses.

Mr. A. Hershberg, Cheetham Hill Road, makes an effective display of perfumery, manicure requisites, and optical goods.

Jeans & Co., Oxford Road, have one window filled with an assortment of perfumery and cut-glass bottles, whilst the other contains various brands of wines and spirits for the festive season.

Taylors' Drug Co., Ltd., Oxford Road (late Wright & Barnaby), have a striking display of Kodaks and Brownies, with a good assortment of perfumery, hair-brushes, manicure-sets, and vacuum flasks at reduced prices.

Wild & Salthouse, University Pharmacy, Oxford Road, show perfumery, hot-water bottles, and manicure requisites.

Mr. J. J. Wilson, Oxford Road, has a display of Cutex and Parex manicure specialities, with perfumery and other suitable gifts.

Sheffield.

Students' fees at the University only amount to about one-fifth of the expenditure.

Boots, Ltd., are offering part of their property in Bridge Street for sale by private treaty.

Mr. J. H. Harrison, chemist and druggist (Staniforth Pharmacy, Ltd.), is now managing the Ellesmere Road branch of the company.

The medical men of this district, after some opposition by a member of the executive of the British Medical Association, have decided to form a branch of the Medico-Political Union.

Mr. E. Preston, Ph.C., President of the Sheffield Pharmaceutical and Chemical Society, has gone into partnership with his father. The businesses (Barker's Pool and Holly Lane) will be carried on under the style of J. Preston & Son.

The remark made by the Minister of Health, in a letter, to the effect that any increase of payment given for Insurance work would be a further call upon the Treasury (*C. & D.*, December 11, p. 73) would not apply to Sheffield. The amount for 1919 was between 1*s.* 4*d.* and 1*s.* 5*d.* per head; this, with the extra money granted for 1920, is not likely to be much above 1*s.* 9*d.*, thus leaving 3*d.* per head, which is more than ample.

Mr. C. S. Garnett, Sheffield University, who recently made discoveries of cobalt and manganese in Derbyshire (*C. & D.*, September 18, p. 51), reports a considerable deposit of fluorspar near Wirksworth. A Chesterfield syndicate is reported as likely to commence working there shortly. Mr. Garnett's analysis of the deposit gives 90 to 95 per cent. of pure calcium fluoride, about 4.8 per cent. of calcium carbonate, and only traces of silica and other impurities.

Miscellaneous.

Royal Institution.—The first of the Christmas lectures adapted to a juvenile auditory will be given on December 30 by Professor J. Arthur Thomson on "The Haunts of Life." The course consists of six lectures.

Poisonings.—The following cases of fatal poisoning have been recorded since our last report: At Grasmere, James Thackeray, farmer, died from drinking carbolic acid in mistake for elderberry-wine.—In North London, Elizabeth Brown (39) died from taking lysol accidentally.

Damage Caused by Gale.—Considerable damage was done to the premises of Mr. W. H. Kendrew, chemist and druggist, Ash Street, Southport, during the recent gale. A portion of the roof, which had been lifted by the wind, fell with the chimney into the room below. No one was in the room at the time.

Cocaine Vendor Sentenced.—At Bow Street Police Court, London, on December 13, Jack Nyman, of no fixed abode, described as a painter, was sentenced to two months' imprisonment for offering cocaine for sale and having it in his possession without authority. When arrested 3 gr. of cocaine and 3*l.* 7*s.* were found upon him.

Bankruptcy Report.—Referring to the statement made in the London Bankruptcy Court on November 25 during the meeting of creditors of Mr. H. T. Tomkins (*C. & D.*, December 4, p. 69), Hough, Hoseason & Co., Ltd., Sun Buildings, Bridge Street, Manchester, inform us that the company holds no shares whatever in the Rockcastle Chemical Co., nor has it applied for any.

Echo of the Test Case.—Addressing a meeting of the North-East Coast section of the British Association of Chemists, on December 11, on the necessity for combination among the professional classes, Mr. R. Brightman, M.Sc., said that the Peterson judgment illustrated the need of the Association. Among their aims was to restrict the practice of chemistry to properly qualified chemists, and, incidentally, to have the term "chemist" legally re-defined. They desired to secure an adequate minimum salary for all employed chemists who were members.

Chemical Headquarters for London.—"The Times" states that the scheme to centralise the country's resources in chemical knowledge and research and to apply these to its needs, which has been slowly developing for about two years, will shortly be set in motion, when an appeal for financial support, already drawn up and approved and at present in the hands of Lord Moulton, until lately Director-General of Explosives Supplies, will be circulated among all the chemical firms in the country and to private individuals who recognise the importance of chemistry to the building up of the industries of the Empire. The sum required is 500,000*l.*, and it is proposed to devote it to the building and equipment of a central house to accommodate the principal chemical organisations in the country, of which the chief are the Society of Chemical Industry, the Institute of Chemistry, and the

Chemical Society, and to produce and distribute literature. It is proposed that the central house shall be in London.

IN THE COURTS.—At Clerkenwell Police Court, London, on December 11, George H. Hillnoye, motor-driver, charged on remand with attempting to obtain money by false pretences (*C. & D.*, December 11, p. 51), was sentenced to three months' imprisonment.—At Wrexham Police Court, on December 13, Silvester Dilworth was committed for trial on a charge of wilfully damaging a plate-glass window, value 35*l.*, at the Wrexham branch of Boots, Ltd.—At Wolverhampton Police Court, on December 14, A. G. Robinson was committed for trial on a charge of obtaining money by false pretences from Mr. M. R. Warner, chemist and druggist, Chapel Ash (*C. & D.*, December 4, p. 67). Bail was allowed.—At Woolwich Police Court, on December 14, Frederick Goldbourne (33), described as a dispensing chemist, was fined 10*l.* for receiving a gun, value 20*l.*, the property of a local dairyman.—At Mansion House Police Court, on December 14, Sidney Schneider (21) was remanded in custody on a charge of stealing eyeglass-cases, value 52*l.*, the property of J. L. Bruce, Ltd., opticians, Clerkenwell Road, E.C.

SOCIETY OF GLASS TECHNOLOGY.—At the meeting of the Society of Glass Technology, in London, on December 15, a programme of unusual interest consisted of the exhibition of an ingenious device by Mr. Verney Stott for measuring the internal diameter of glass tubing at a distance from its ends, and the reading of papers by Mr. W. A. Whatmough, B.Sc., Ph.C., and Dr. C. J. Peddle, respectively, on "The Re-annealing of Glass" and "Silicate Glasses Containing Sodium Oxide, Potassium Oxide, and Lead Oxide." In the report given by "The Morning Post" a remark of the scientific adviser of one of our largest firms of optical-glass makers is quoted with reference to the limited amount of State aid required. Consider what was used in a microscope lens, he said, and it would be seen how far a single pound weight, costing, say, a 5*l.* note, would go, and it was a fact that a few pounds of glass would supply the whole world for years. The same expert gave an instance of German competition. An amateur photographer a short time since, he said, was asked by a shopkeeper what he would give for a certain well-known German camera produced for his inspection. "Well," he replied, "if I wanted a camera I would give 5*l.* for it, but if it were British it would be 7*l.* 10*s.*" He was offered the camera, and as many more as he liked to take, at 2*l.* 18*s.*

Irish News.

Brevities.

Mr. Wm. Sheil has opened a new medical hall in Tullamore.

Among the concerns destroyed in Cork by the disastrous incendiary fires on December 8 during Curfew hours, doing damage estimated at between two and three million pounds, are: Messrs. John Blair & Sons, chemists; R. Sunner, chemist; Whelan & Trench, chemists, all of Patrick Street; Hedley & Doyle, druggists, Cook Street.

On December 8 teams representing the staffs of O'Hagan & O'Hare, chemists, and S. Connor & Sons, chemists, Newry, met in a match on Damolly Football Grounds, the result being: O'Hagan & O'Hare, 4 goals; S. Connor & Sons, 2 goals. Subsequently the inaugural meeting of the Newry Chemists' Assistants' Social Guild was held, at which officers were elected.

At Ballymena, co. Antrim, on December 10, an ex-soldier named George Allen was charged with breaking and entering the establishment of Alexander Taggart & Co., druggists, Broughshane Street, and stealing toothbrushes, combs, and other articles, valued at 1*l.* 16*s.* 6*d.* The accused pleaded "Guilty," and was sentenced to six months' imprisonment, with hard labour. He was also fined 40*s.* for being drunk and disorderly.

Belfast.

Mr. A. H. Storey has been appointed compounder at the Glengall Street Dispensary by the Belfast Board of Guardians.

At the meeting of the Athy Guardians it was reported that Clarke & Co., Belfast, medicine contractors, wrote to the Local Government Board stating that the non-supply of goods to the Athy Union was due to the fact that the railway company were not delivering goods to Athy, and refused to accept the bale of goods for the workhouse. They had it lying ready for about four or five weeks. The chairman said that one could always get stuff from Belfast. The matter was deferred until the time for taking new contracts.

Dublin.

At the opening meeting of the Dublin University Biological Association, held recently, Mr. W. F. Whaley, Ph.C., was presented with the John Mallet Purser medal. This medal is awarded annually to the student who obtains first place in physiology and histology.

In the Dublin Police Court, on December 14, Mr. James T. Dwyer, Ph.C., 166 Shelbourne Road, Balls Bridge, Dublin, was summoned by the Pembroke Urban District Council to answer a charge of selling camphorated oil which contained only 17.85 per cent. of camphor instead of 20 per cent. Mr. Doyle, for the defendant, contended that while there was a standard in the British Pharmacopœia for the production of camphorated oil, there was no standard for the produced article. Dr. J. A. Walsh, Ph.C., a member of the Council of the Pharmaceutical Society of Ireland, and an ex-President of the Society, examined for the defence, stated that it would be wrong to put a greater percentage of camphor into the oil when producing it. He did not admit that the finished article should contain 20 per cent. of camphor, as evaporation took place. The magistrate said it appeared that there was substantial evaporation. He thought the case involved a serious question of law. He would fine the defendant 1*l.* and state a case.—Mr. Patrick J. Burns, Ph.C., 81 Morehampton Road, was charged with selling camphorated oil which contained only 17.1 per cent. of camphor. He was fined 3*l.*

Scottish News.

Brevities.

Following in the wake of the coal strike came the termday, and money has necessarily become scarce. It is anticipated that matters will improve very shortly.

From the list of branches of the Scottish Pharmaceutical Federation published last week (p. 55) particulars of the Leith Branch were omitted. The President is Mr. J. T. Coats, Ph.C.

The Secretary for Scotland proposes to suspend the Early Closing Order from Monday, December 20, to Friday, December 24, and from Wednesday, December 29, to Friday, December 31, the dates to be inclusive. Premises will be allowed to remain open for an extended period except where the magistrates, under the Shops Act, have fixed certain hours. These must be observed.

Canvassing has begun in earnest for the Scottish Federation. The majority of chemists are desirous of joining some trade association, even at the expense of dropping their subscriptions to the Pharmaceutical Society and the local associations. Some are holding back to see if the Retail Pharmacists' Union will extend its activities as far as Edinburgh or Glasgow. A number say they cannot afford more than one subscription.

Edinburgh Chemists' Golf Club.

The office bearers appointed for season 1920-21 are: Captain, R. D. Douglas; vice-captain, W. T. Robson; secretary, J. Finlay, 302 Morningside Road; assistant secretary, G. Baxter, 11 Polwarth Place; treasurer, A. E. Kelly; committee, Messrs. E. Brindle, J. Brown, A. J. Clark, G. Graham Davidson, A. F. Dawson, and D. S. Philp. A whist-drive will be held, on January 19, 1921, in Windsor House, Hillside Crescent. Members

are requested to apply for tickets, 4*s*. 6*d*. each, before December 30. The number available is limited.

The Club trophies won during the past season are as follows: "Brown" medal (bogey competition), W. T. Robson; "T. & H. Smith" cup (hole and hole), J. Finlay; "Mackay" trophy (stroke), R. Butchart; "Pinkerton Gibson" trophy (stroke), J. Finlay.

Aberdeen.

Mr. Douglas G. Farquhar, chemist and druggist, Strichen, who has been in Deer district hospital with diphtheria, was discharged as convalescent on December 13.

The annual Conference of the National Amalgamated Union of Shop Assistants, Warehousemen, and Clerks (Scottish Federation) is to be held in Aberdeen on New Year's Day. Several important proposals will come up for discussion. One motion proposes that the Conference, recognising the limitations of trade boards, urges upon shop workers the necessity for organisation on trade-union lines as the only means whereby wages and conditions may be effectively improved.

Dundee.

Druggists' goods were included in some recent railway thefts at Dundee. The police discovered the owner by the name and address of a West-End chemist being printed on bottles of castor oil.

Mr. James Colquhoun Irvine, F.R.S., Ph.D., D.Sc., Dean of the Faculty of Science and professor of chemistry in St. Andrews University, has been appointed principal of that University, in succession to the late Sir John Herkless, D.D.

Edinburgh.

"Post orders attended to with chemist-like accuracy," runs a heading on the back of the bills of Patrick Thomson, Ltd.

Mr. Martin Jamieson, chemist and druggist, has acquired the business of Mr. C. M. Smith, chemist and druggist, High Street, Montrose.

Speaking on the subject of "The Development of National Insurance" at a meeting in connection with the Edinburgh Rotary Club, Sir James Leishman said the first results of the State scheme of health insurance had been extremely good. There were hardly any deficits, and he wished that every concern was in such a sound financial position as the National Insurance. While there were still critics, the proposals that were coming in were almost entirely for enlargement.

At a meeting of the Edinburgh and East of Scotland Section of the Society of Chemical Industry, held on December 7 in the hall of the Pharmaceutical Society, a proposal to start a scientific club in Edinburgh was considered. Such a club, it was stated, would be open to all male members of the various scientific societies in Edinburgh. The proposal is to be circulated among people interested, and a meeting is to be called early in the New Year to discuss the matter in full. A paper on "The Work of the Waste Products Committee" was read by Mr. A. P. Laurie, F.R.S.E., M.A., D.Sc., principal of the Heriot-Watt College.

Fife.

Provost W. Smart, chemist and druggist, Buckhaven, has resigned from the Fife Education Authority.

A lad named Burton (16), an apprentice of Mr. T. H. Forrester, chemist and druggist, Cupar, died on December 11 as the result of a fractured skull, caused earlier in the day when, in attempting to jump a gate, he slipped and fell on his head.

Glasgow.

The death is announced of Mr. John Grant, who had been connected with W. & R. Hatrick & Co., Renfield Street, for over fifty years.

Cockburn & Co., Ltd., have received permission from the local Dean of Guild Court to make alterations at their East Howard Street premises.

A man named Graham died, on December 9, in the Western Infirmary through drinking, by mistake, a quantity of ammonia at the works where he was employed.

French News.

(From the "C. & D." Paris Correspondent.)

Professor Perrot gave an interesting lecture on his journey to the Egyptian Soudan at the Paris School of Pharmacy.

The sum of 100,000 fr. for centenary celebration expenses of the Academy of Medicine was voted recently by the Chamber of Deputies.

Assistant Professor P. Guerin, of the Paris Faculty of Pharmacy, succeeds M. Van Tieghem as Professor of Biology (of French and Colonial cultivated plants) at the National Agronomic Institute.

Making it Clear.—Our correspondent writes: "I recently noticed in front of the dispensing-counter of a French provincial pharmacy a card about a foot square, bearing the notice in 2-inch capital letters: 'No poison sold without a doctor's prescription. Useless to insist.' The lower part of the card bore the name of a proprietary medicine."

Dr. Roux, director of the Sanitary, Scientific, and Anti-Adulteration Services at the Ministry of Agriculture, has corrected the statement made that none of the forty-two samples of tablets of lactic-bacilli examined by his analysts were found satisfactory. Twelve, he states, were classed as products suitable for sale (*de qualité marchande*).

The Corporative Association of Pharmacists of the Reserve and Territorial Armies has organised quarterly lectures for 1921. Pharmacist Major Moreau will describe the organisation and working of an Army Reserve of Medicaments; Pharmacist-Major Pecker will treat of chemical analysis for Army purposes; and Pharmacist-Major Rousseau is to explain the organisation, etc., of a Sterilisation Service.

M. Edmond Perrier contributes to the "Annales" some notes on Balard and bromine. "The discovery of bromine brought Balard a universal reputation, and—what was more—a chair at the Sorbonne and another at the College de France. Bromine had been discovered before, and a phial had been sent from some German salt marshes to the famous chemist Liebig. But Liebig had taken it for chloride of iodine. It was when he heard of Balard's discovery that he looked at the phial again and saw it really contained bromine. He then placed the bottle in a cupboard in his laboratory, which he modestly termed the "Cupboard of Errors." After alluding to Stassfurt and the Badische Anilin, M. Perrier continues: "Many of our mineral springs contain bromine, but the great reservoir is the sea, and if one could extract it at a moderate cost we could be independent of foreign countries."

The Profiteering Act.

Appeal.

The Profiteering Appeal Tribunal for the Northern Division of the West Riding of Yorkshire heard, at a recent sitting, the appeal of Taylors' Drug Co., Ltd., against the decision of the Hemsworth Profiteering Committee ordering them to refund 3*d*. in respect of the purchase of six Perry's teething-powders by a Mr. Lee. Mr. Willoughby Jardine, for the appellants, stated that when Mr. Lee purchased the powders in question the price was 1*d*. each. The price to the public up to September 8 last was 3*d*. for six powders, but on September 9 the manufacturers advised Messrs. Taylor that the retail price had been raised to 1*d*. each. Unless his clients had acted on Messrs. Perry's instructions, their supply of powders would have been withheld. After hearing the evidence the chairman said that the Tribunal were unanimously of the opinion that the appeal should be allowed. It was quite clear, he added, that the percentage rate of profit did not exceed the percentage rate of profit before the war.

Legal Reports.

Medicine Stamp Act Case.—At Repton Petty Sessions, on December 8, Polly Whotton and Harry Whotton, Post Office, Bretby, were summoned on charges of having, on three occasions, sold Tannex ointment unstamped, and of selling it without possessing a patent-medicine licence. The defence was that the ointment was not stocked, but was procured to order. Both were fined 10*s.* and 1*l.* on each count respectively of the first summons; Polly Whotton was similarly fined in respect of the second summons; and the remaining charges were dismissed.

Sued for Goods.—In the City of London Court, on December 10, Mr. L. A. Jackson, trading as the London Rubber Co., 183 Aldersgate Street, sued Mr. Nutman, chemist, 39 Baldock Road, Letchworth, for 2*l.* 3*s.* for trade goods supplied to him. Mr. Strouts, plaintiff's solicitor, said that the defendant had written to the Court to say that he was merely a bailee, and that so soon as the invoice was received he wrote to the plaintiff stating that he would not accept the goods as they had sent him twice as much as ordered. Plaintiff told him that the traveller would take the goods off his hands. The traveller had never called. Mr. Strouts asked for judgment for the plaintiff for 1*l.* 3*s.* 3*d.*, and that was done, with costs.

Arsenical Borax Case.—At Durham, on December 9, T. & E. Robertson, Alexandria Crescent, were summoned, under the Sale of Food and Drugs Acts, for having sold borax containing 10 parts of arsenic per million; and Hayton & Co., wholesale druggists, Gilesgate, were similarly summoned for having sold borax containing 20 parts of arsenic per million. The evidence for the prosecution showed that both lots of borax came from Messrs. Hayton's warehouse, and belonged to different consignments. It was explained on behalf of Messrs. Hayton that they had ordered borax which, they expected, would pass the tests of the British Pharmacopœia; on complaining, they were told that the borax was supplied as commercial borax. Each of the defendant firms was fined 10*s.*, with 2*l.* 10*s.* costs.

Loofah-Sock Dispute.—In the City of London Court, on December 14, before Assistant Judge Jackson, a claim was made by Morgan Davis & Sons, Ltd., 276 Bishopsgate, E.C., druggist sundriesmen, to recover 4*l.* 4*s.* 6*d.* for trade goods (loofah socks) supplied to the defendant, Mr. H. Williams, 239 Barking Road, East Ham. Plaintiffs' representative said that the defendant had raised a defence that the goods were faulty. Their answer to that was that the defendant had the goods in May, since when they had sent him four or five statements and other demands and had heard nothing. The goods were despatched in perfect condition, and the assertion about faultiness was not raised until the defendant had had the goods for seven months. The Assistant Judge gave judgment for the plaintiffs, payable at the rate of 1*l.* a month, and costs. Defendant did not attend to support his defence.

Traveller's Claim for Commission.—Yardley & Co., Ltd., Carpenter's Road, Stratford, were defendants in an action in the King's Bench Division, before Mr. Justice Sankey, recently, in which George Leonard Nevill, 52 Elliott Road, Thornton Heath, sought an account of commission due in respect of a contract in writing dated November 15, 1916, and damages for wrongful dismissal. Mr. Zeffertt was for the plaintiff, and Mr. Carthew for the defendants. Plaintiff was employed by the defendants as travelling representative for scents, soaps, etc. One of the terms of the contract was that there should be a fortnight's notice on the termination of the engagement. By letter dated April 15, 1919, defendants purported to terminate plaintiff's services on that date. It was admitted by the defence that fourteen days' notice were not originally given and that plaintiff was accordingly entitled to salary. But defendants held that plaintiff was only entitled to commission on orders actually delivered, and not on orders obtained up to the termination of the engagement. His lordship found that the plaintiff was entitled to two weeks' wages; and damages for being deprived of the opportunity of getting commission which he might have earned during the fortnight, he ought to have been employed by defendants, and that plaintiff was entitled to an account of commission on orders actually delivered. His lordship ordered reference to a master to assess the damages.

Claim for Commission.—At Lambeth County Court, before Judge Parry, on December 14, Albert Edward Corrick, commercial traveller, employed by E. Ernest Jackson & Co., wholesale druggists, Park Villas, Cheam, Surrey, brought an action against Mrs. Emily Matthews, Lorne Road, Brixton, as the executrix of her husband, D. J. Matthews, trading as the D. J. Matthews Drug Stores, Ltd., of Milkwood Road, Herne Hill, claiming 18*l.* 2*s.* 6*d.* commission on the sale of the business. Mr. Aronson, for plaintiff, said he was in the habit of doing business with the late Mr. Matthews, who had been in business as a drug-store proprietor at Milkwood Road, Herne Hill. In 1914 the business was converted into a private limited liability company, with a capital of 300 1*l.* shares, 280 of these being held by Mr. Matthews. Last June, when the plaintiff called on Mr. Matthews, the latter said he was prepared to sell the business, and plaintiff stated that he knew of a likely customer. He was to be paid 5 per cent. commission on the first 100*l.* of the purchase money and 2½ per cent. on the remainder. In August a Mr. Wentmouth bought the business for 625*l.*, and a few days later plaintiff called on Mr. Matthews with regard to the payment of his commission. Mr. Matthews promised to pay, but said he must go to the bank and find out the state of his account. The same day he learnt that Mr. Matthews had ended his life. In the company's minute-book there was no mention of any commission to be paid to plaintiff. Plaintiff bore out this statement, adding that Mr. Matthews never denied that the commission was due to him, but asked him to wait until he found out how his banking account stood. When he saw Mrs. Matthews three weeks after her husband's death she said she would have to see her solicitors. Mrs. Matthews, giving evidence, said she was generally about the shop when plaintiff called to do business with her husband, and took part in the conversations. She remembered a conversation between her husband and plaintiff about selling the business, and she said he must consider her. If her husband wanted a holiday he could have one, and she could carry on the business with the help of the qualified assistant, as she had done before. Later she heard that Mr. Wentmouth was coming to see the business, but the transaction was deferred as her husband had not made up his mind to sell it. Later there was a meeting of shareholders of the company, at which a resolution was passed authorising the sale of the business, and witness produced the minute-book containing this. Her husband never said a word to her about any commission being due to plaintiff. Mr. Matthews was not a qualified chemist, and in 1914 the business was converted into a limited liability company to overcome this difficulty. Judge Parry said there was not the least doubt as to what happened. Mr. Matthews expressed a wish to sell the business of the company, of which he had practically full control, and Mr. Matthews would have paid the commission had he lived. He gave judgment for plaintiff for the amount claimed, 18*l.* 2*s.* 6*d.*, with costs.

Liability for Infected Shaving-brushes.—In Shoreditch County Court, recently, before Judge Cluer, an action was heard in which Mr. Edward Cohen, fancy-goods dealer, 105 Houndsditch, E.C., sued Mr. Samuel Weil, fancy goods dealer, 58 Finsbury Pavement, E.C., and Steiner & Co., Ltd., importers of brushes, 88 Chiswell Street, E.C., to recover 80*l.*, the value of 173 doz. shaving-brushes at 6*s.* 11*d.* per doz., and 20*l.* costs and charges incurred. The brushes were found to be infected with anthrax, and the costs were incurred in getting back as many brushes as possible, and seeing that they were destroyed. Mr. Campbell appeared for the plaintiff, and Mr. Louis Green for the defendants. His honour, at the beginning of the case, noticed that Steiner & Co., Ltd.,

were not represented. Mr. Campbell said that in May 1919 the defendants offered the plaintiff two consignments of shaving-brushes, each 240 doz., which plaintiff accepted and paid for. Plaintiff sold all the brushes to customers, but it was only three of them that were concerned in that action—Osborne, Garrett & Co., Hugo & Higley, and Myers & Garstein. These three firms had sold to their customers, hairdressers, chemists, etc., and they, in turn, had sold to the public, and then cases of anthrax broke out. On November 29 a letter came from the Ministry of Health saying they had traced the outbreak of anthrax to this consignment of shaving-brushes, and asking plaintiff to call in as many as he could of them. He only succeeded in tracing 173 7/12 doz. Osborne, Garrett & Co. destroyed 105 doz., and came on him for the money. At that time he was repudiating liability, so in March they commenced an action in the Lord Mayor's Court. He decided it was no use fighting the case, and came to terms. The plaintiff was not asking for any loss of profit, but simply to be put back into the same position he was in before. Mr. Ed. Cohen then gave evidence, and said this was his first shaving-brush deal with the defendant. One firm had not destroyed brushes forming part of those he claimed for. Judge Cluer said he must have proof of what became of them before he could allow them to be claimed for. Plaintiff added that he could account for 117 doz. destroyed. In cross-examination he said these were Japanese brushes, and they had distinctive numbers; those he purchased were No. 1,736, although that number was not on the invoice, but was on the box. He did not know the name of the importers of No. 1,736, but he got no No. 1,736 from anybody else but the defendant. Mr. Arthur Reginald Hills, inspector on the staff of the Medical Officer of Health for the Corporation of London, said that in November 1919 he made inquiries as to brushes said to be infected with anthrax, and personally traced the outbreak to, among others, this consignment. Some of the brushes he traced to the plaintiff. Acting on instructions, he ordered the destruction of a quantity of these brushes. He had had a good deal of experience with brushes infected with anthrax, but knew of no satisfactory method of dealing with infected brushes other than to have them all destroyed. Mr. Green: If brushes that are infected are kept with those that are not, is it likely that one would catch from the other?—It is not likely, but, of course, possible. Further questioned, witness said he did not examine all the brushes, but one here and there. He had not actually treated any of the brushes for anthrax, but tests had been made at the Lister Institute and also at Glasgow. For the defence Mr. Weil went into the box, and said he was an importer, but carried no stocks. He agreed that he sold two lots to the defendant. He was not much acquainted with numbers, but he knew that "1,736" was imported by Steiner & Co. He sold all his brushes on the understanding that they had a consular certificate, and he had an undertaking from the importers that cases of brushes were guaranteed. In answer to his honour, he said he had not got it in writing as to any particular lot; it was a general guarantee. He had frequently met the plaintiff in the City, and he had said he was having trouble with the shaving-brushes, and he (defendant) told him from time to time that if it could be proved they were his, or that he sold them, he would get the importer to take them back. Judge Cluer: He was telling him from September to the end of the year that he would take them back, but in the February wrote that he was not taking any brushes back. Defendant: He became a nuisance to me. Judge Cluer: You had done him an injury. Defendant said that he had had one previous complaint as to Steiner's goods of this number, and got a credit note from them. Mr. Yeomans, of Brown & Macfarlane, 45 Fenchurch Street, E.C., said that they did not sell No. 1,736 shaving-brushes to the plaintiff. Mr. Green: If there is a breach of warranty here—— Judge Cluer: There is; clearly so. He has proved up to 44*l.* 12*s.* 3*d.*, which are brushes that have been sold or destroyed. He has also proved that an action was brought against him and that he had to pay costs; but that was because, he says, he had no money to pay with at the start. I think he will have to give up those costs, as, on his own showing, if he had had the money he would have paid. Mr. Campbell: It was an advantage for the action to be settled late, as the claim was at first for 9*s.* 6*d.* per doz., the price at which the plaintiff had sold. Judge Cluer: That was nothing to do with it. You will have to lose these costs, as it ought never to have got to an action. There will be judgment for the plaintiff for the quantity he has proved, 44*l.* 12*s.* 3*d.*, and he must bring another action for the balance when he can prove it. Judgment was entered accordingly.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

A. J. Wood & Co., Ltd. (P.C.).—Capital, 500*l.* Objects: To take over the business of a drug-store carried on by A. J. Wood at 72 Hendon Road, Sunderland. A. J. Wood, 125 Herrington Street, Sunderland, is permanent governing director. R.O.: 72 Hendon Road, Sunderland.

Ivens, Kelletts & Childs, Ltd. (P.C.).—Capital, 100,000*l.* Objects: To take over (1) the business of wholesale and retail grocers and provision merchants carried on at Worthing and Storrington, Sussex, by E. Ivens, T. Kellett, F. J. A. Childs, and J. Kellett as "Ivens, Kelletts & Childs," (2) the business of wholesale and retail grocers and provision merchants carried on at Gosport and elsewhere in Hants by Parham & Son, Ltd., (3) the business of wholesale and retail chemists, druggists, and perfumers carried on at Worthing by Ivens, Kelletts & Childs, Ltd., and (4) from E. Kellett the freehold premises known as 1-5 The Broadway, Worthing.

Lewis & Burrows, Ltd.—The report of the directors for the twelve months ended September 30, 1920, states that the company has again experienced a most satisfactory year's trading. A sum of 1,000*l.* has been set aside out of profits to be added to the depreciation reserve account. The net balance available is 15,839*l.* 3*s.* 2*d.*, out of which it is proposed to transfer 5,000*l.* to taxation reserve account, to place 3,000*l.* to the general reserve account, to pay a dividend at the rate of 6 per cent. per annum (less income-tax) on the preference shares, and a dividend at the rate of 10 per cent. per annum (less income-tax) on the ordinary shares, leaving a balance of 1,041*l.* 3*s.* 2*d.* to be carried forward. Upon the passing of the present accounts and the adoption of the report, the reserve funds will stand at 19,834*l.* 18*s.* 2*d.* During the year the leases of 64 Baker Street, 6 Abney Park Terrace, and 145 Holborn Bars have been further extended, and the directors have acquired the lease of 38 and 39 Brooke Street, Holborn, adjoining the head office, for the purpose of increasing the laboratory accommodation.

Idris & Co., Ltd.—The annual report for the year ended October 31, 1920, states that, after charging interest on debenture stock and writing off all depreciations, the net profit is 9,716*l.* 7*s.* 11*d.*, compared with 23,538*l.* 3*s.* 11*d.* for 1919. The reduction in the profit is due to the exceptionally bad weather during the summer, and the increased wages and very high cost of sugar and other materials. Although the selling prices were increased during the year, this advance did not fully cover the additional manufacturing cost. The directors recommend the following appropriation of the profit: Profit for the year, 13,716*l.* 7*s.* 11*d.*, to which is added the balance brought forward, 6,350*l.* 16*s.* 4*d.*, making a total of 20,067*l.* 4*s.* 3*d.* From this amount is deducted: Debenture interest, 4,000*l.*; dividend on "A" preference shares, 6 per cent., 6,600*l.*; dividend on "B" preference shares, 7 per cent., 700*l.*; dividend on "A" ordinary shares, 10 per cent., 5,000*l.*; leaving a balance to carry forward of 3,767*l.* 4*s.* 3*d.* Mr. T. H. W. Idris and Mr. W. H. W. Idris are the two directors to retire from office, but they offer themselves for re-election.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

Report on the November Analytical Exercise.

THE powder distributed to students on November 9 contained three parts by weight of lead nitrate, one part of bismuth oxynitrate, and one part of barium nitrate. The calculated composition of such a mixture is :

Pb	37.5
Bi	13.7
Ba	10.5
NO_3	36.1
OH	2.2
	100.0

The powder also contained, as impurities, a well-marked trace of iron and a faint trace of a chloride. Samples of the powder were distributed to eighty students, and fifty-four reports were sent in for examination. The failures in the detection of the several constituents were : Lead, 7; bismuth, 6; barium, 20; nitric-acid radical, 3. The quantity of water evolved when the powder was heated in a dry tube was small and was usually overlooked.

The high scores attained by a larger proportion of students than usual serve as an indication that this exercise was found, upon the whole, to be less difficult than some of its more recent predecessors. It resembled the exercise given in October, in containing both lead and bismuth, and these roughly in the same proportion of about three of the former to one of the latter. In last month's report some reference was made to the need for exercising care in handling precipitates, not only in the copper group but also in the silver group, in which both metals might be present. This hint has not been heeded, however, in all cases, and some errors have occurred through one or other of the metals having been overlooked. Probably some students did not expect practice to be called upon to succeed precept quite so promptly. Internal evidence in one or two reports indicates that a large part of the bismuth must have been precipitated as oxychloride along with the lead chloride when the original solution in hot dilute hydrochloric acid cooled, and the same may have occurred to a greater or less extent in other analyses also. The presence of a due proportion of not too dilute hydrochloric acid is essential to ensure that bismuth chloride shall be retained in the cold solution.

The hydrogen sulphide precipitate was commonly reported not to contain any lead, as sulphide, by students who had already detected lead as chloride. It is repeatedly pointed out in this column that if lead is present in a mixture, some is quite certain to remain in the filtrate from the silver-group precipitate (since lead chloride is quite appreciably soluble even in cold water or cold dilute hydrochloric acid) and to be precipitated from this filtrate, later, by hydrogen sulphide when the gas is passed through it to saturation, in absence of too high a concentration of free acid. The mistake continues to reappear, however, with unfailing regularity.

Another recurring mistake is the mis-description of substances as "insoluble" in water, ammonium hydrosulphide, sodium hydroxide, etc., when they do not dissolve completely in the solvent employed, and this without examination having been made as to whether any constituent part may have dissolved. Thus in the present analysis the powder was reported in many cases as insoluble in water, although no less than four-fifths of it was soluble.

A surprise in the reports sent in was the large number of the failures in the detection of barium. This metal is so easily recognised that it is difficult to understand how failure to find it should have occurred in the hands of more than one in every three students.

Tests made to confirm the presence of constituents reported, in most instances, by several students, failed in the cases of mercury, tin, aluminium, calcium, magnesium, and the radicals of carbonic, sulphurous, thiosulphuric, hydrochloric, boric, and oxalic acids. On the other hand, more than one student, in the case of each metallic radical, omitted to apply any test for cadmium, strontium, calcium, magnesium, potassium, sodium, and ammonium. These omissions lead to loss of marks.

The numerous reports of "curdy" white precipitates produced when testing for chloride by means of silver nitrate suggest to the mind the formation of dense masses of insoluble matter. The reality, when the original powder was dissolved in dilute nitric acid and silver nitrate was added, was the slow formation of a turbidity which was so faint as to be little more than recognisable. The "curdy" precipitates must have owed their formation to the old offender—impure sodium carbonate, which seems to be almost universally in use.

A frequently recurring type of statement in students' reports causes considerable trouble in following the work done and in assessing its value. Such a statement as "To solution added silver nitrate," where no indication is given as to how—it may be from a substance insoluble in water—the solution in question has been obtained, or as to whether it is acid, alkaline, or neutral, conveys to the reader little idea as to the value of the test applied. Details as to how solutions have been prepared should invariably be given where the action of reagents upon them is described.

Besides reading these general remarks, individual students are recommended to read all the replies to correspondents, whether or not a separate reply is made to themselves, since various points which may be mentioned only once apply equally to a number of students.

It would save considerable trouble and inconvenience if students would be careful to write their names and pseudonyms very plainly. On this occasion several of these are almost illegible, and our deciphering of them is doubtful.

PRIZES.

The First Prize for the best analysis has been awarded to

W. F. GEORGE, 56 Premier Street, Brookes Bar, Manchester.

The Second Prize has been awarded to

KATHLEEN THOMPSON, Y.W.C.A., Stricklandgate, Kendal.

First Prize.—Any scientific book that is published at a price not greatly exceeding fifteen shillings may be taken as a first prize.

Second Prize.—Any scientific book which is sold for about seven shillings and sixpence may be taken as a second prize.

The students to whom prizes are awarded are requested to write at once to the Publisher naming the book or books they select.

MARKS AWARDED FOR ANALYSES.

1. *Correspondents who are unqualified :*

W. F. George (1st prize)	96	Essayeur	85
K. Thompson (2nd prize)	95	Vingt-et-un	85
Sucrose	94	X. Y. Z.	83
Xenon	94	Tayside	76
Acutus	92	Birudo	71
Caglio	92	Maf	70
Protozylem	92	Lebrun	69
Rossendale	92	Motto	69
Bert	91	Isomer	67
HF, KF	91	Vicia	67
Neon	91	Ubique	66
Nomen	91	Niobe	64
Thio	91	Bob	61
Cishar	90	Ceduria	54
Endcliffe	90	Sinapis	52
Tungsten	90	Digitoxin	47
Gor-Gor (?)	89	Aspera	43
Jasmine	89	Dung-Dong	43
Delta	88	Soo-See (?)	43
E.R.y.i.y.	88	Brer Rabbit	42
Xylem	88	Cogry	38
Kainite	87	Mait	28
Omar	87	Cajeput	24
Progress	86	F. H. C. M.	16

2. *Correspondents who are qualified, or who have not indicated that they are unqualified:*

Hibiscus ...	... 96	R. d'E. ...	... 93
Isotope ...	... 77	Silicula ...	... 97
Protophloem ...	... 92	Floramye ...	... —

To Correspondents.

Sucrose.—The powder did not dissolve completely in water, either cold or hot. Note that calcium tartrate and calcium citrate are both soluble in acetic acid.

Xenon.—It was inaccurate to describe the powder as insoluble in water because it did not dissolve completely. Only the bismuth oxynitrate was insoluble.

Acutus.—The solution to which you added ammonium carbonate as group reagent for the barium group may have been too dilute to yield an immediate or even any precipitate. At that stage in an analysis it is often advisable to concentrate the solution by evaporation before adding further reagents. See the general remarks regarding the presence of lead in the copper-group as well as in the silver-group precipitate.

Caclio.—Nothing was gained in this analysis by separately examining the aqueous and the hydrochloric-acid solutions of the powder. You seem to have simply assumed the absence of arsenic-group metals without testing for them. Read also the reply immediately preceding.

Protozylem.—By the decomposition of the lead nitrate by heat, a mixture of nitrogen peroxide and oxygen was evolved. The evolution of the latter gas did not indicate the presence of an oxynitrate.

Rossendale.—The pungent white vapour evolved towards the end of the heating with sulphuric acid was no doubt due to the volatilisation of some of this acid.

Bert.—The black precipitate which you obtained in the zinc group must have consisted of lead and bismuth sulphides incompletely precipitated at the proper stage by hydrogen sulphide.

HF, KF, Xylem, and Others.—You found the powder to dissolve completely in dilute hydrochloric acid, while you report that it contained among its main constituents barium and the sulphuric-acid radical. Consider these points in connection with each other.

Neon.—After describing tests for a few acid radicals, it is not sufficient to add that the powder "yielded no reaction in tests for other acid radicals." Details must be given as to what tests you apply and what conclusions you draw from their results, in order to show whether your procedure was adequate and correct.

Thio.—The powder did not contain a phosphate, and the precipitate produced by ammonium molybdate cannot have had the characteristic yellow colour.

Tungsten.—Tests for strontium and calcium in the systematic examination should not have been omitted.

Gor-Gor.—Read the second sentence of the reply to "Caglio."

E.R. y.l.y.—The hydrogen sulphide precipitate should have been tested for cadmium. Give a summary of constituents found at the end of any future report.

Kainite.—It is quite fallacious to suppose that because the hydrogen sulphide precipitate is black there is no need to test for arsenic, antimony, or tin (especially for the latter as stannous sulphide). The presence of the lighter coloured sulphides may be very completely obscured by black sulphides in greatly preponderating quantity. The precipitate which you took for silver sulphite because it darkened on heating was probably silver carbonate, produced in a solution which had not been rendered acid by the addition of enough nitric acid.

Omar.—Why did you omit to test for ammonium, and why no summary of results?

Procress and Cajeput.—The reply to "Neon," above, applies in a measure to you also.

Essayeur, Vingt-et-un, and X. Y. Z.—Without any explanation you omit all reference to testing for strontium, calcium, magnesium, alkali metals, and ammonium. Sulphite was not present.

Tayside.—It seems practically certain that you precipitated the bismuth almost completely by the copious dilution with water which you report in dealing with the original hydrochloric-acid solution.

Hirudo.—The darkening in colour of the powder in air, reported by you and several other students, was due to hydrogen sulphide present as impurity in the air concerned. See the remarks in several preceding replies regarding metallic radicals not tested for.

Ubique.—You refer in your report to Table V. as dealing with the barium-group precipitate, but this table has not been included.

Ceduria.—In testing for metallic radicals you report "no reaction" on adding ammonium hydroxide "to original solution"—how the latter was prepared is not stated. If the reagent was added in excess, however, to the original hydrochloric-acid solution a white precipitate, consisting of lead and bismuth hydroxides, was quite certain to be produced.

Sinapis.—Ferrous sulphate and dilute sulphuric acid provide in most cases a more satisfactory test for a nitrite than the one you employed, using potassium iodide.

Digitoxin.—Read the general remarks above regarding bismuth in the presence of lead.

Aspera.—The lead, incompletely separated as chloride in the silver group, should have been removed as sulphate in the copper group before testing for bismuth. Tin was not present. The precipitate mistaken for aluminium hydroxide may have been due to lead or bismuth.

F.H.C.M.—You are recommended to repeat the analysis, using a mixture prepared by yourself.

Hibiscus.—You describe the precipitate of barium chromate—probably inadvertently—as white; it is really yellow.

Protophloem.—In the preliminary testing you do not report any result obtained by heating the powder on charcoal in the blowpipe flame. Others obtained very definite results from this test and arrived at useful conclusions regarding these.

Floramye.—Your report will be read, and marks (which may still count in the tournament) will be awarded if you send in the requisite guarantee of good faith—your name and address.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

Examinations.—The Natal Pharmacy Board held its quarterly examination on October 26 and 28. Two candidates presented themselves, both of whom succeeded in qualifying. The successful students were Mr. John A. McLaren and Mr. G. C. Emmett, both of Durban.

Assistants' Salaries.—The recently formed Durban Chemists' Employees' Association have asked their employers to agree to a minimum rate of monthly salaries as follows:

Qualified assistants of over 10 years' total experience	...	40	0
" " " under 10 " " "	...	35	0
Unqualified " " over 5 " " "	...	30	0
" " " under 10 " " "	...	20	0
Wholesale warehousemen of over 10 years' total experience	...	27	10
" " " 5 " "	...	20	0

Public holidays and Sunday duty to be paid for extra at the rate of 1*l.* each day for qualified assistants, 15*s.* each day for unqualified assistants, 10*s.*, 7*s.* 6*d.*, 6*s.*, 5*s.* each day for apprentices, according to years of apprenticeship.—At a meeting between the representatives of the Pietermaritzburg Chemists' Association and the local Commercial Workers' Association, of which the Chemists' Assistants' Association form a section, held on October 28, the following scale of assistants' salaries was adopted. For qualified men, 35*l.* per month; unqualified men, with twelve years' experience, 27*l.* 10*s.* per month; with nine years' experience, 25*l.*; six years' 22*l.* 10*s.*; four years (end of their apprenticeship), 17*l.* 10*s.* The scale came into operation on November 1, and will remain as a minimum for a period of six months.

Festivities.

Walthamstow Chemists' Social.

THE Walthamstow Pharmaceutical Association held a social and whist-drive on December 2. The prize-winners were: *Ladies*: (1) Mrs. Welham; (2) Mrs. Main; (3) Mrs. Liddiard. *Gentlemen*: (1) Mr. Lever; (2) Mr. Watson; (3) Mr. Swanston. The party was entertained by Miss Brown (pianoforte solo), Miss Irene Brown (recitation), and Mrs. Watson (song), and an enjoyable evening was spent.

Salford Chemists' Whist-drive.

A SUCCESSFUL whist-drive was held by the Salford Pharmaceutical Association on December 9, at their rooms, 40 The Crescent, Salford. There were over eighty present. The catering, which was undertaken by the Ladies' Committee, was carried out in an excellent manner. The prizes were presented to the following: *Ladies*: (1) Miss Fletcher; (2) Mrs. Cuttiford. *Gentlemen*: (1) Mr. Blore; (2) Mr. Collins. Hidden Number: Miss Blore.

Bournemouth Chemists' Supper.

THE annual supper of the Bournemouth Pharmaceutical Association was held at Gervis Hall on December 1, the President (Mr. H. J. Martin) in the chair. After the loyal toast, Mr. C. W. Fellowes, clerk to the Bournemouth Insurance Committee, proposed "The President of the Association," and Mr. H. J. Martin replied. Mr. S. Hardwick proposed "The Pharmaceutical Society," to which Mr. F. E. Bilson, treasurer of the Society, responded. Mr. Francis Rose proposed "The Visitors," and Dr. F. Heasman, President of the Bournemouth Medical Society, replied, and emphasised the friendly relations existing between the doctors and pharmacists. The speeches were interspersed with pianoforte solos by Mrs. Nora Bradbury and songs by Mr. Kenrick Deans. The company present numbered about sixty.

West Kent Pharmacists' Dinner.

THE West Kent Association of Pharmacists' dinner was held on December 1 at the Bell Hotel, Bromley, when over forty pharmacists and ladies sat down to an excellent repast. The chair was occupied by Mr. G. Shillcock, Ph.C., the *doyen* of Bromley pharmacists, supported by the Vice-President, Mr. W. Pring, Mr. J. E. French (of the Local Associations Executive and hon. secretary of the County Association), and other well-known local pharmacists. The loyal toasts having been honoured, Mr. French gave the toast of "The West Kent Pharmacists' Association." Mr. French predicted a bright future for pharmacy, a future dependent on the efforts of the individual pharmacist. Addressing the assistants present, Mr. French emphasised the fact that, although the new union is necessarily a union of employer pharmacists, it must on no account be considered antagonistic to the interests of the assistants; rather did it look to the loyalty and help of all for its success. Mr. W. Pring, the Vice-President, replied to the toast. The toast of "The Ladies and Visitors" was given by Mr. Francis and replied to by Mr. Agnew, Ph.C. The success of the evening was largely due to the excellent programme of music contributed by Miss Burton, Mrs. Mould, Mr. Bower, and Mr. Agnew, Ph.C.

Ealing Pharmacists' Whist-drive.

AN enjoyable whist-drive was held by the Ealing Pharmacists' Association at the Jacobean Restaurant, Ealing, on December 2. There were about 250 people present. The proceeds were in aid of the Benevolent Fund of the Pharmaceutical Society, and the chairman of the Benevolent Fund Committee (Miss Buchanan) was present. One result of a speech by Miss Buchanan was that a gentleman (not connected with pharmacy) gave the social secretary 1*l.* 1*s.* towards the fund. A somewhat novel incident was introduced at the interval. The manager of the restaurant wagered 10*l.* that his staff could serve the 250 people present with refreshments in twelve minutes. He won easily, actually doing it in six minutes, and he made a donation of 3*l.* 3*s.* to the Benevolent Fund. The prizes, which had been given by wholesale friends and members of the committee, were presented to the following ladies and gentlemen by Mrs. Ironmonger, wife of the President: *Ladies*—(1) Mrs. C. A. Hooper, (2) Miss Stacey, (3) Mrs. Ferris, (4) Miss Thompson, (5) Miss Colding, (6) Mrs. Mulvener, and (7) Mrs. Bower. *Gentlemen*—(1) Mr. Hillyer (Price & Co.), (2) Mr. Bailey, (3) Mr. J. G. Hooper, (4) Mr. Murphy, (5) Mr. Jardine, (6) Mr. C. H. Hooper, and (7) Mr. Williams. As all the money has not yet been collected, the total amount is not known. The thanks of all are due to the social secretary (Mr. Arnold Roberts) for the efficient way in which he organised and carried out a most successful evening.

Southport Chemists' Whist-drive.

A SUCCESSFUL whist-drive was held at the Queen's Hotel, Southport, on December 1, in connection with the Southport Chemists' Association. Among the guests present were Mr. D. H. Evans (President, Liverpool Association), Mrs. Evans, Mr. W. H. Clubb (President-elect, Liverpool Association), Mrs. Clubb, Mr. Furniss (secretary, Liverpool Association), Mrs. Furniss, Mr. John Cloworth (President, Manchester Association), Mrs. Cleworth, Mr. Hunter (President, Wigan Association), Mrs. Hunter, Mr. Wherley (President, Wallasey Association), Mrs. Wherley, Mr. W. J. Uglow Woolcock, M.P., Mr. W. J. Williams (assistant secretary, British Pharmaceutical Conference at Liverpool), Mr. W. H. Saunders, and several representatives of wholesale houses. Twenty tables were occupied for whist, and supper was afterwards served, at the close of which Mr. James Righton made an appeal on behalf of the Pharmaceutical Society Benevolent Fund, which resulted in the sum of 12*l.* 18*s.* 6*d.* being realised. The whist prize-winners were then announced as follows: *Ladies*—(1) Mrs. F. Naylor; (2) Mrs. W. H. Smith (wife of the Secretary); consolation, Miss Dorothy Rimmer. *Gentlemen*—(1) Mr. C. H. Moorhouse; (2) Mr. James; consolation, Mr. Orr. The prizes were afterwards distributed by Mrs. Rawsthorne (mother of Mr. Harold Barton, President of the Southport Association). Mr. Barton was an efficient M.C., assisted by Mr. R. H. West and Mr. W. H. Smith (secretary). Entertaining items by Messrs. Horace Phillips and Reg. Heaton were much appreciated.

DISEASES IN TREES.—Specimens illustrating bacterial and fungoid diseases in trees and plants were exhibited, on December 10, at a meeting of the Association of Economic Biologists at the Imperial College of Science. Mr. W. J. Dowson, who dealt with certain problems of East Africa, referred to the fungus *Hemileia vastatrix*, which appeared in 1912, defoliated coffee plants, and caused consternation. Despite the drastic course of pulling every leaf off the plants and drenching them with copper sulphide, this disease spread rapidly. An effective spray has, Mr. Dowson reported, been devised since.

CHEMICAL TRADE IN ITALY.—In a recent issue "The Times Trade Supplement" published a paragraph from a correspondent in Milan, with the title, "Slump in Italian Chemicals," in which it was stated that "The leading Italian chemical manufacturers are now, for the most part, closing their factories or reducing output. The Carlo Erba works is to be taken over by a co-operative society. Meanwhile, more than a thousand employees have been dismissed on the plea of lack of work. The celebrated 'Lverform' Company is closing." How far this is from the truth may be judged from the following letter, which Mr. Carlo Erba subsequently sent to "The Times": "It is not true that Italian chemical manufacturers are closing their factories, or reducing their output. On the contrary, most of them are full of requests for merchandise. It is not true that the above manufacturers are dismissing their employees. It is correct that the firm Carlo Erba is undergoing a transformation, but its works is not taken over by a co-operative society. The firm Achille Brioschi, maker of the celebrated 'Lysoform,' is in full and complete efficiency."

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

The National Debt.

The approximate debt outstanding on November 30 was 7,735,628,000*l.*

Unemployment.

Mr. Bonar Law, on December 15, informed Major Barnes that he is aware of the growing percentage of unemployment in the drug and fine-chemical trade.

Shops (Early Closing) Act.

This measure, which received the Royal Assent on December 3, continues the regulations made on April 24, 1917, under the Defence of the Realm Act, regarding the earlier closing of shops.

The Dentists Bill.

Asked by Mr. Raffan, on December 15, whether he could now name a definite date for the introduction of the promised Bill for the purpose of carrying out the recommendations of the Departmental Committee on the Dentists Act, 1878, Dr. Addison says: "I hope to introduce the Bill on Monday next, in order that it may be printed."

Business Names Registration.

Sir R. Horne, on December 13, stated that the number of registrations under the Business Names Registration Act in England and Wales up to December 10 is 145,000. Prosecutions for non-registration have been instituted by the Board of Trade in forty-three cases, of which forty-two resulted in convictions. In addition, the Board have received information as to nineteen prosecutions and convictions initiated by the local police authorities. The office for England and Wales is at 39 Russell Square; three permanent officials and thirty-seven temporary clerks are employed. The approximate cost is 6,500*l.* per annum, and the fees received since the Act came into operation in December 1916 amount to 40,000*l.*

Clinical Thermometers.

Clause 10 in the Ministry of Health (Miscellaneous Provisions) Bill, which deals with the sale of clinical thermometers, was considered on the report stage of the Bill in the House of Commons on December 8. Mr. Lorden moved to leave out the clause, which, he said, is an outcome of the Defence of the Realm Act. It seems to be one of those extraordinary forms of protection not desirable to the most arrant Tariff Reformer. There is no difficulty about it. You can send these thermometers to Kew, he understood, and you can get them marked satisfactorily without it being insisted on that you must get them done. Mr. Ormsby-Gore hoped the clause would be retained, as a doctor told him that before the war 40 per cent. of the clinical thermometers manufactured in this country were unreliable and inaccurate. If you were travelling abroad, the one thing you never buy is an English thermometer, because of their notorious unreliability. Mr. T. Shaw said if there is one thing on which they ought to have a guarantee it is that of clinical thermometers. The motion was rejected. Mr. W. R. Smith moved that after the words "offer for sale" the word "or" be inserted before "supply or deliver." As the clause stands, he said, the errand-boy who delivers the clinical thermometer would be liable to prosecution. Colonel L. Wilson said such a meaning could not be read into the clause, and the amendment was negatived. Dr. Addison moved a new sub-section applying the section to Scotland, which was agreed to. Mr. Hopkins moved a new clause limiting the expense under the section to 500*l.* per annum. Colonel L. Wilson said the amendment is unnecessary, as no charge is entailed on the Exchequer or on the rates. The cost of testing these clinical thermometers is 3*d.* A fee of 3*d.* is charged at Kew, where they are all tested at the National Physical Laboratory. The total number tested at present is over 30,000 weekly. While the pre-war charge for testing was 1*s.*, the present charge is 3*d.*, and in that charge is included all expenses. The amendment was negatived.

The second reading of the Bill was moved in the House of Lords on December 14, but was rejected by fifty-seven against forty-one. It was complained that the Bill was rushed through the Commons without due consideration. The Government endeavoured to get the Bill postponed until next session, but on division the Bill was rejected.

Dyestuffs (Import Regulations) Bill.

This Bill has been before Standing Committee A of the House of Commons this week. An amendment was proposed limiting the prohibition to dyestuffs manufactured in Germany. Sir P. Lloyd-Greame, for the Government, said that would make the Bill perfectly migatory, and moreover German dye-makers would soon establish finishing-off depôts in other countries. The amendment was negatived. Major Barnes moved an amendment that the prohibition of the Bill should not apply in the case of synthetic organic products imported mainly for medical or surgical purposes. It was no part of the Bill, he said, to make it more difficult or expensive for people in pain and suffering to get drugs. Among the drugs are phenacetin and aspirin, the latter of which had formed the subject of inquiry before the Central Profiteering Committee, where it was revealed that there had been a really unconscionable increase in the price of that drug. Sir R. Horne pointed out that the chemicals are not imported direct by the people who converted the chemical substances into the medicaments. They are purchased by dealers, and at that stage it could not be told whether a particular commodity would be turned into something for medical or surgical purposes or one of the ordinary dyes. He hoped that the result of the proposed procedure would be that the Licensing Committee would be able to advise a method by which all commodities certified by a dealer to be required for chemical purposes would have a free entry into this country. He was as anxious as any member for free entry of articles of the class referred to, but the amendment would not have the desired result. Major M. Wood regarded Sir R. Horne's speech as an admission that the Bill was to hit other industries besides the dye industry. Sir R. Horne: I do not admit that it will hit any industry. Major Wood said whether or not the drug industry would be hit by this Bill depended on how the Licensing Committee operated. Unless direct instructions were given to the Committee there could be no confidence that it would do as the President of the Board of Trade said it would do. Sir P. Magnus hoped that some means would be found by which these drugs, which are essential for the relief of pain or disease, could be admitted. Sir R. Horne said he would try before the report stage to find words to meet the difficulty. Colonel P. Williams suggested that the question of drug imports should be put into the hands of the British Medical Association, or that a representative should be put on to the Licensing Committee. Bromides, which are among the most necessary of all the drugs used by the medical profession, reached an unprecedented price during the period of prohibition of imports. The amendment was withdrawn. Sir R. Horne, at a later stage, said he proposed to set up a Development Committee, with a view of developing the trade dye and kindred industries under the licensing system. The Licensing Committee would include five dye users, four of whom would be representatives of the Colour Users' Association, and one would be selected by the Board of Trade. Three others would represent dye producers, whilst the general public would be represented by three members. The Committee stage was completed on December 15. In the discussion regarding the Licensing Committee, Mr. W. J. U. Woolcock said that the mistakes of the old Committee would not be made by the new Committee, and that there need be no fear that those representing the larger combines would do anything prejudicial to the interests of small traders. An amendment by Major Wood, designed to limit the profits on dyes, was rejected.

Italian Dyes.—The Società Generale dei Colori has been formed at Milan to take over the existing Italian dyeworks. The share capital amounts to 30 million lire.

Births.

DAIN.—At 24 Norman Road, Runcorn, on December 12, the wife of Reginald Dain, chemist and druggist, of a daughter.

CURTIS.—At Bury Street, London, W.C. 1, on December 7, the wife of F. F. Curtis, M.P.S., F.C.S. (Curtis & Price, Ltd., manufacturing chemists, 44 St. Paul's Crescent, N.W. 1), of a son.

Deaths.

BIRKETT.—At 4 Clydesdale Road, Egremont, recently, Mr. John Birkett, for nineteen years in the service of Ayrton, Saunders & Co., Ltd., Liverpool.

HICKING.—On December 8, Mr. Joseph Hicking, retired chemist and druggist, formerly of 26 Joy Street, Barnstaple, aged seventy-eight. Mr. Hicking succeeded the late Mr. W. Symons in business; on his retirement, a few years ago, he disposed of his pharmacy to Mr. Frank Dyson.

HUGHES.—At "Mentone," Rhuddlan, on December 4, Mr. Roger Hughes, Ph.C., aged eighty-three.

KERMATH.—At St. Mary's, Montrose, on December 5, Mary, elder daughter of the late Mr. William Ramsay Kermath, chemist and druggist, St. Andrews, and sister of Miss Jessie S. Kermath, chemist and druggist.

MAYOR.—At Middlewood Road, Sheffield, on December 10, suddenly, Mr. Thomas Mayor, chemist and druggist, aged eighty. Mr. Mayor was in business in Sheffield for nearly fifty-six years. He assisted in the formation of the Sheffield Pharmaceutical and Chemical Society in 1868, and remained a supporter to the end of his life. Mr. Mayor was opposed to some of the modern methods of conducting business, and declined to contract for Insurance dispensing. The funeral took place at City Road Cemetery, Sheffield, on December 14, among those present being the President of the local Society (Mr. E. Preston, Ph.C.), and several of its members.

RAY.—At 75 Graham Mansions, Sylvester Road, London, E. 2, on December 1, Mr. William Frederic Ray, chemist and druggist, aged sixty-eight.

STANWAY.—At his residence, 79 Allen Road, Wolverhampton, on December 8, Mr. Edward Thomas Stanway, retired chemist and druggist. Mr. Stanway, who passed the Modified examination in 1871, was in business in Horsley Fields, Wolverhampton, until a few years ago, when he relinquished his pharmacy and went to reside at Bournemouth. He subsequently returned to Wolverhampton, and resumed his connection with the Wolverhampton and District Chemists' Association, of which he had been a member since its inception; but, although a general favourite with his colleagues, he could not be persuaded to take office. His wife predeceased him last September, and he leaves no children. The funeral took place at St. Jude's Church on December 10, when a large congregation assembled to pay the last tribute of respect. A wreath was sent by the local Association, and among those present were Mr. C. M. Warner (President of the Association), Councillors J. H. Coleman and F. A. Willcock, and Messrs. F. J. Gibson, J.P., M. R. Warner, S. Phillips, T. Reade, W. R. Dunn, H. E. Cullwick, W. H. Hodge, E. H. Bowdler, and E. E. Hall.

Personalities.

MR. W. H. SAUNDERS, chairman of Ayrton, Saunders & Co., Ltd., Liverpool, has been elected a Fellow of the Chemical Society.

ALDERMAN J. BIRKETT, Ph.C., Mayor of Morecambe, entertained his brother magistrates to lunch at the Midland Hotel recently.

MR. WILLIAM COOK, Malvern, Natal, is at present on holiday in England at 9 Norman Road, Runcorn. He hopes to return to Natal on the "Walmer Castle" on January 28.

MR. CHARLES HARE, chemist and druggist, Southport, was the organiser of a concert, held on December 9, in the Carnegie Hall, Birkdale, in aid of the local branch of Dr. Barnardo's Homes.

LIEUT. L. FRICKER, chemist and druggist, Corsham, who was on active service from August 1914 to August 1918, has recently received the Military Cross and other distinctions awarded to him for bravery in the field.

MR. THOMAS STEPHENSON, F.R.S. (Edin.), Ph.C., editor of "The Prescriber," who underwent an operation in Edinburgh for gall-stones on November 25, is recovering satisfactorily, and hopes to return to his work shortly.

DR. G. CLARIDGE DRUCE, M.A., is delivering the first of a series of Christmas lectures for children for the Ashmolean Natural History Society of Oxfordshire, at the University Museum, Oxford, on December 28. The lecture will describe a visit to Czecho-Slovakia.

MR. GILBERT HOOPER, Shanghai, has been appointed resident representative and sole agent in China, Manchuria, and Korea for Ayrton, Saunders & Co., Ltd., wholesale and export druggists, Liverpool. Mr. Hooper, who for many years has been in close touch with the drug-trade of China, is opening an office and showroom in Shanghai, and will carry a complete equipment of the company's goods for demonstration purposes.

AMONG those associated with the drug-trade who were present at the twenty-second installation of Edward Terry Lodge, No. 2,722, held recently, were W. Bros. F. B. Arnold (S. F. Goss, Ltd.), A. R. Arrowsmith (The Apollinaris Co., Ltd.), A. J. Atkin, S.D., C. B. Baker (Nuneaton), T. Batey, P.M., D. Grant (Hove), A. J. Greatrex, A. J. Rickford, I.P.M., J. W. Royle, J.D. (Ingram & Royle, Ltd.), W. C. Tarry, and R. A. Waddell.

COUNCILLOR ALBAN ATKIN, chemist and druggist, West End Lane, West Hampstead, London, N.W. 6, has been elected to serve on two sub-committees of the public health committee, Hampstead borough council, and on a sub-committee of the works committee. Reference to important resolutions moved by Councillor Atkin at an educational conference held recently under the auspices of the London County Council's education committee will be found on p. 46.

MR. HAROLD R. GIBBS (*C. & D.*, December 11, p. 61) is returning to New Zealand as one of the travelling representatives of Ayrton, Saunders & Co., Ltd., wholesale and export druggists, Liverpool, and takes with him a full range of samples of the company's products. Mr. Gibbs has been in New Zealand for the past eleven years, and acted as hon. secretary to the Pharmaceutical Conference at Napier. Before leaving England he was, for some years, the hon. secretary of the Isle of Thanet Chemists' Association and President of the Margate Scientific Society.

MR. GEORGE WHITFIELD and Mr. E. R. Cross, chairman and secretary respectively of the local committee of the 1921 British Pharmaceutical Conference, motored from Scarborough to Whitby, on December 11, in a car lent and driven by Mr. Whitfield. The object was to survey the ground preparatory to a Conference excursion next June. Meeting a north-easterly gale on the outward journey, and returning through a blinding snowstorm, they are likely to remember their moorland experience for a long time. Whitby lies twenty-one miles north of Scarborough, and the only living things our explorers encountered on the way seem to have been sheep and seagulls. The warmth of their reception at Whitby, however (where they were joined by Mr. Hunt, of Scarborough), was sufficient compensation for the discomfort of the journey. They called in succession on Mr. Ruff, Mr. John Brooks, Mr. Charles Tindale, Mrs. and Miss Mason, Mr. Puckrin, and Mr. S. L. Smith, on whose behalf they desire us to assure members of the coming Conference that they will be welcome at Whitby.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(From "The Trade-marks Journal," December 1, 1920.)

"Betanol"; for photographic chemicals (1). By Johnsen & Sons, Manufacturing Chemists, Ltd., 23 Cross Street, Finsbury, E.C. 2. 408,222.

"Incarbon"; for veterinary chemicals (2). By E. Merck, Frankfurterstrasse 220, Darmstadt, Germany. 406,792.

"Bantree"; for chemicals (2). By E. Cook & Co., Ltd., Bow, London, E. 3. 408,183.

"Medru" and carnation-bloom device; for medicinal chemicals (3). By E. G. Cripps, 18 Kensington Court Place, London, W. 8. 402,120. (Associated.)

"Hæmovite (Blood Life)" on label; for a medicine (3). By Lingard & Culpan, 194 Pellon Lane, Halifax. 404,054.

"Neurokardin" and "S W" in circle on device ("Neurokardin" disclaimed); for medicinal chemicals (3). By Chemische Werke Schuster & Wilhemy Aktiengesellschaft, Reichenbach Oberlaunitz, Wilhelmystrasse 29, Oberlausitz, Germany. 404,958.

"Albinol"; for medicinal chemicals (3). By Holroyd's Oil and Ceresine Co., Ltd., 3 New London Street, London, E.C. 3. 406,707.

"Medicoids"; for medicinal chemicals (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 407,192.

"Pernice"; for medicinal chemicals (3). By F. E. Smith, 13 Cyprus Road, Edmonton, London, N. 9. 407,385.

"Toby" on pictorial figure device; for pills (3). By F. W. Hyde & Co., 37 Berners Street, London, W. 1. 407,740.

"Sudonal"; for medicinal chemicals (3) and for perfumery, etc. (48). By Millers, Ltd., 98-102 Wigmore Street, London, W. 1. 407,772/3. (Associated.)

"Asimilon"; for food substances (42). By F. W. Hampshire & Co., Ltd., Silkmill Lane, Derby. 408,102.

"Phyllotis"; for perfumery, etc. (48). By C. A. Critchley & Co., Ltd., 19 Cardwell Place, Blackburn. 405,832.

"Bijou-Parfums," "Brin de Revé," "Divine Chanson"; for perfumes (48). By Union Française de Parfumerie et Maroquinerie, 92 Rue St. Lazare, Paris 9e. 406,225/226/228.

"Tootix"; for toilet articles (48). By R. Smith, 128 Southbank Road, Southport. 407,006.

"Phil-Sano"; for perfumery, etc. (48). By R. W. Phillips, Ltd., Craven House, Kingsway, London, W.C. 2. 408,184.

(From "The Trade-marks Journal," December 8, 1920.)

"Purafleete"; for all goods (1), "Rupex"; for chemicals (1). By Purex, Ltd., Greenford Road, Harrow, Middlesex. 400,138; 408,248.

"Petra"; for photographic chemicals, etc. (1). By Petra Aktiengesellschaft für Elektromechanik, 18-20 Niederwallstrasse, Berlin, C. 405,701. (Associated.)

"Nemulo"; for chemicals (1). By W. A. Mitchell, Mansion House, Balbeuchley, Forfarshire. 407,330.

"Yonsit," and "Yonsit" on device of oval on circle; for chemicals (2). By Rubber Tar, Ltd., Huntershill Quarry, Springburn Road, Bishopbriggs, Glasgow. 407,796; 408,299. (Associated.)

"Blotto"; for chemicals (2). By Roxburgh, Morgan & Co., 41-43 Cavendish Street, Glasgow. 408,365.

"Rheumatol Brand Ointment"; for ointments (3). By S. Slack, 59 Great Egerton Street, Stockport. 395,337.

"Citroline Brand Health Salts"; for health salts (3). By R. Kego, 18 Stirling Drive, Burnside, Rutherglen, Glasgow. 405,194.

"Vitamint"; for medicinal chemicals (3). By Murphy & Son, Ltd., The Cedars, Sheen Lane, Mortlake, S.W. 14. 406,101. (Associated.)

"Maygravia"; for medicinal chemicals (3). By Timothy White Co., Ltd., 30 Chandos Street, Portsmouth. 407,307. (Associated.)

"Perlol" on oblong label device of girl's head; for medicinal chemicals (3). By W. B. Cartwright, Ltd., Larkfield, Rawdon, near Leeds. 407,624. (Associated.)

"Lin Lucile" on circular device; for a rheumatism liniment (3). By Alice Wessen, 37 Delancey Street, Regent's Park, London, N.W. 1. 407,908.

"Aporenin"; for all goods (3). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. 408,557.

"Tablava" for perfumery, etc. (48). By R. Blackie, Shen Works, Tower Bridge Road, London, S.E. 1. 407,393.

"Silkryl"; for dentifrices (48). By W. T. Rogers, 50 Loughborough Park, Brixton, S.W. 9. 408,046.

Trade Notes.

Galloway's Cough Syrup.—Particulars of this and the Family Lung Syrup are given in the advertisement in this issue of P. H. Galloway, Ltd., manufacturing chemists, Walworth Road, London, S.E. 17.

Gadus Cod-liver Oil.—John Bell & Croyden, Ltd., 50 Wigmore Street, London, W. 1, are wholesale agents for the Gadus cod-liver oil, prepared by a new process which overcomes the danger of premature oxidation. Samples and particulars will be sent to chemists.

Atuko Perfumery.—S. Murray & Co., Ltd., 11 Farringdon Road, London, E.C. 1, whose advertisement of Atuko perfumery was referred to in this column last week, ask us to emphasise the fact that they only supply wholesale houses.

Drug and Chemical Price-list.—Raoul Frères, drug and chemical manufacturers, 6 Holborn Viaduct, London, E.C. 1, issue a price list of special offers of fine chemicals for pharmaceutical and photographic purposes. This and a list of capsules will be sent to any chemist on application.

Gibbs's Specialities.—In the course of the Royal visit to the Advertising Exhibition, on December 3 (*C. & D.*, December 11, p. 60), the visitors were received at the stand of D. & W. Gibbs, Ltd., soapmakers. Samples of Gibbs's Dentifrice and "Noomies" (soap lemons) were accepted by the Royal party.

Arrowsmith Foot Correctors.—The Arrowsmith Manufacturing Co., Ltd., 31 Duncan Terrace, London, N. 1, give particulars of the Arrowsmith appliances for correcting defects of the foot. It is suggested that chemists will find this a suitable side-line. Particulars of the agency can be obtained on application.

C. & D. Diary Corrections.—Will our readers please note the telegraphic address of Raimes, Clark & Co., Ltd., Edinburgh, is "Raimes, Edinburgh," not as given in the *Diary*. The word "Capsules" should be eliminated after the entry "Bismuth et Salol" in the "Buyers' Guide," which refers to the speciality of J. C. Arnfield & Sons, Ltd., Stockport.

Supplementary Spectacle Lenses.—Mr. H. Milner Black, 132 Western Road, Hove, has invented a new form of supplementary lens for spectacles or eye-glasses. The object is to enable wearers of outdoor glasses to place smoked, tinted, or other lenses readily over the ordinary lenses. Each lens is provided with a small springing hook or clip, by which it is attached to the spectacle lens. They can be fixed or removed in a moment.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

B/1512. Kasemol ointment.
C/1512. Lumbio suppositories.
F/1112. Munyon's Homœopathic Remedies (British agents).
P/1112. Rotofix vibrators.
P/1312. Rose of Allah perfume.
S/1312. Karmoid.
E/912. Gresil-Lysol substitute.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C. 4

Alliance rubber goods, R/1312
Austin's Forest Cologne, E/412
Garfield's tea, H/1412
Jonteel powder, E/412
Little's Oriental balm, F/1312
Madame Dorsan's special appliances, H/1112
Omnium bandages, S/1412
Metal clips for collapsible tubes, S/1112
Parmint, S/1512
Steedman's powders, D/912
Todd's wine of glycerine, M/1412
Webster's talc powder, H/1212
White's dental floss, D/912

APPRECIATION.

From a manufacturing chemist in Scotland:

"I am much obliged for your letter notifying me of the makers of ——, and am communicating with the company to-day, mentioning your excellent department as the source of my information."—(175/73.)

Observations and Reflections.

By Xrayser II.

Granting

the immediate necessity of a Conference and the propriety of the conditions under which it met, the delegates may, upon the whole, be congratulated upon their work, as may the President upon the skill and temper with which he directed its proceedings. But this is granting a good deal. There was an evident feeling in the Conference itself that matters had been "rushed," and it was made clear that the draft scheme had not, for want of time, been sufficiently considered. The origin of the scheme and of the Conference may also be legitimately criticised. The Council, directly representing the Society, the Local Associations Executive, the Chemists' Defence Association, and the Proprietary Articles Trade Association, said Mr. Deakin, before any overt steps were taken, "sat and discussed" the situation. They felt it necessary to "weld and fuse the interests of bodies that had been working for the trade side of their business"—that is to say, their own interests. Admittedly their interests are in the main ours too, but it must be remembered that one of these bodies is not composed entirely of employer-pharmaeists, while another has many members who are not retailers, and many who are not pharmacists. It may be said that as the Conference was merely deliberative this does not matter; but if the scheme approved of is finally adopted, the first fact does matter, as the rejection of Mr. Atkins's amendment to the employment-register clause abundantly shows.

The Greatest Crux

the Conference had to deal with was the C.D.A. Sir William Glyn-Jones made out a plausible but by no means a convincing case for the amalgamation of the Association with the new union, but he ignored one way out of the difficulty which has much to recommend its adoption. Why should not insurance be entirely left out of the scheme, and members of the union be left as heretofore to insure themselves with the C.D.A. as a separate body? We hear on all sides that this has proved entirely satisfactory; what are we advantaged by absorbing the C.D.A.? We are told that insurance work and trade-union work are legally incompatible; the attempt to combine them is likely enough to cause trouble, and is, on the face of it, undesirable. Our union will be a Janus, facing both ways—on the one side a trade union and on the other an insurance company. From the point of view of the C.D.A. there may be advantages in union; from ours I can see none at all commensurate with its inconveniences.

The Multiple Shop

is another difficulty. It was barely glanced at. Every shop for which a subscription is payable is to carry a vote, and one man is to cash all the votes to which the firm or body corporate he represents is entitled. The single-shop member will have but one vote; "Octopus" will have six or seven hundred. I don't know how many of these multiple shops there are altogether, but certainly there are enough to reduce the voting power of the single-shop member to a negligible quantity. Yet the majority of pharmacists in business are single-shop men, and their interests are by no means always on all-fours with those of the big companies. They have, however, virtually quite as much at stake; the widow's mite, though little in itself, was "all her living," and it is precisely so with the single-shop pharmacist. And not only is this arrangement most inequitable, delivering the small man tied and bound into the hands of those whom (not unnaturally) he regards as his most formidable rivals, but it violates the first principle of democratic government, which is one man, one vote. Nor is it the small man only that will suffer injustice; some of our most famous historic houses, that have made British pharmacy what it is, will suffer with him. This is "destructive criticism" with a vengeance, but the pity is 'tis true.

Apart from thes

great questions, which it was hardly left free to discuss, the Conference, as I have said, in the circumstances, acquitted itself very well. Most of the amendments it accepted were improvements on the original draft of the scheme, though it rejected one or two that would have been still greater improvements. One of the accepted amendments seems to me, indeed, almost absurd. How on earth can the union regulate the price at which I buy my goods? Is every bargain to be submitted for its approval before it is completed? I doubt whether any trade-union has ever gone so far as to attempt such an interference with individual contract, and the fact that it was accepted without protest shows how ill-prepared the Conference was for its work.

The President Ruled

out of order a resolution for a temporary committee to act as an executive until a permanent executive shall have been directly elected, on the ground that the Conferenee could not be allowed "to take any steps to set up a union at all." But the same evening the members of the L.A.E. and the directors of the C.D.A. passed resolutions "forming a new organisation to be called the 'Retail Pharmacists' Union,' and constituting the present members of the L.A.E. and the directors of the C.D.A. as a provisional committee of the new body." This was no doubt correct enough, since the draft scheme had been accepted almost to the smallest detail; but it is carrying things with rather a high hand, and makes it clearer than ever that the Conference was only summoned for the purpose of giving apparently popular sanction to a prearranged decision. That is all the delegates were there for; the question is whether, having been chosen for no such purpose, they were really competent even for that.

Parables

are often susceptible of more than one interpretation, but the parable of the two trees, set forth by Mr. Miller Thomson at the dinner of the Scottish Federation in Edinburgh, can hardly be wrested from its original meaning. The Scottish Federation does not mean to be grafted on to the southern tree planted, or about to be planted, by the L.A.E. and the C.D.A., and very good reasons were given why it should not—first, it is already, in spite of "an arid wind from the south, a flourishing treo bearing good fruit," and, in the second place, the new tree is "merely a hybrid, and like all hybrids its ultimate destination is sterility." Without committing oneself absolutely to this forecast, one may be allowed a certain satisfaction at finding one's own view so strikingly confirmed.

Mr. Alex Nathan,

in the December issue of the Glaxo Service Bulletin, gives the *coup de grâce* to Mr. Bernard Smith in the duel between them on the question of the cost of advertising (*C. & D.*, October 30, p. 66). The latter is forced to substitute for his brilliant paradox that advertising is not a cost at all, the statement that it is a cost which falls upon the manufacturer, and this leaves Mr. Smith at Mr. Nathan's mercy, for it would be absurd to contend that the manufacturer, in fixing the price of an article, does not take into account so large an item of cost as advertising. This cost undoubtedly is paid, at least in part, by the consumer. Let anybody try to sell an article of his own, equal in actual value to one of the same kind for which a large demand has been created by advertising, in the hope that being able to offer it at a lower price it will inevitably sell, and he will find out what the actual value of advertising is: it is clear that one of its effects is to enable the manufacturer to sell his goods, at least within certain limits, irrespective of price. People will pay more for an article of great public repute than for one of which they have never heard. This is not to say that advertising is mere waste. On the contrary, it is, like mercy, twice blest. The extra cost to the consumer, if it is not excessive, is repaid to him in many ways. Conveniences are brought to his door of which otherwise he would never hear, production is increased, time and trouble are saved, and he is liberally educated in the arts of life.

"SANITAS" EMBROCATION.
Invaluable for
ACHES, SPRAINS & STIFFNESS
THE ATHLETE'S BEST FRIEND
Of all Chemists, and
The "SANITAS" Co., Ltd., LONDON, E.14

FENNINGS' 50 YEARS' REPUTATION
Children's Powders
ADVERTISED EVERYWHERE. READY SALES.
ALFRED FENNINGS, COWES, I.W.

PATENTS AND TRADE MARKS.
There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail nd Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.
56 Ludgate Hill, London, E.C. 4. REGINALD W. BARKER.

CANARY GUANO.
Garden and G e nhouse Fertiliser. Advertise ' extensively. Sells freely. Carriage paid, small quantities.
THE CHEMICAL UNION, Ltd., IPSWICH.

British made and British owned.
CARAMEL
(Sacch Ust.)
Buy from the Actual Manufacturers.
Lichtenstein & Co., Ltd.
(L. M. Lambert, Managing Director)
Established in London, 1880.
Colne Works, Uxbridge, Middx.

ART OF DISPENSING. (9th Ed.) 8/-, by post 8/9.
VETERINARY COUNTER PRACTICE. 7/6, by post 8/3.
CHEMIST'S DICTIONARY OF MED CAL TERMS. 3/6, by post 3/10.

An announcement of particular interest to you appears in this issue on page 41

MANUFACTURER OF
GELA INE CAPSULES
Established 1895.
Write for Quotations—
DOUGLAS W. BULL, 4 Churchill Rd., HOMERTON, E.9

T & H WATER GLASS Best Value Largest Packers
TOMLINSON'S DAIRY HELPS
HAYWARD'S SHEEP DIPS
VETERINARY PREPARATIONS, &c.
TOMLINSON & HAYWARD, LTD., LINCOLN.

S.V.R. — S.V.M.
AND
CHEMISTS' WINES.
Jas. Burrough Ltd. D.I Cale Distillery, Hutton Rd., LAMBETH, S.E.11.

For Quality in
LIQUID PARAFFIN, B.P.
PETROLEUM JELLIES, B.P.
and
WHITE Brilliantine OILS
STERNS Ltd. A D. 80. Roya London House, Finsbury Square, E.C. 1

Editorial Articles.

The New Diary.

We are pleased to be able to state that by the end of this week we hope that all our subscribers will have received copies of *The Chemist and Druggist Diary, 1921.* Thus, notwithstanding the difficulties in producing such a large number of *Diaries*, the delivery has been quite up to the pre-war standard. We take this to be a happy omen for the New Year, when we hope that all the difficulties that beset the drug-trade will be smoothed away and that a condition more nearly resembling peace will be reached. The production of the fifty-third annual *Diary*—which it will be remembered was continued even during the difficult years of the war—naturally inclines to reminiscences of the previous ones, beginning with the calendar of 1868, and the tiny *Diary* of 1869. In 1875 the *Diary* was enlarged to its present linear dimensions, but the thickness took a few more years to acquire. A feature of every issue has been the large number of advertisements of a variety that have never been exceeded in any drug-trade publication. This is one of the main reasons why the business chemist prizes the volume, as he feels that with the *Diary* and the weekly issues of The Chemist and Druggist he has always by him an encyclopædia of suppliers of drugs, chemicals, druggists' sundries, and the thousand and one articles stocked and sold by chemists. The Buyers' Guide, which is printed on green paper, is the most complete of its kind, as we believe that we have surpassed any previous effort we have made in this direction. If you cannot find what you want there the only resource left is to make a special inquiry from our Information Department. We have always made a feature of the literary contents of our

Diary, and this year's issue is no exception. In view of the imminence of changes in the incidence of the medicine-stamp duty we have specialised this year on the Medicine Stamp Acts, so that chemists will have a complete guide to the subject. The Dictionary of Difficulties deals with many points upon which our opinion is constantly asked, and we hope that in this form the information will be readily available to our subscribers. The growth of the revenue from medicine stamps can be traced from the table on p. 268, and the inclusion of a large number of useful formulas for "known, admitted, and approved" remedies is a reminder that this privilege that chemists have enjoyed since 1783 is not likely again to lie dormant. We continue the lists of New Remedies, which have been suspended since the 1916 *Diary*. We have revised the details of the administration of National Health Insurance in an article wherein the matters specially interesting to chemists are emphasised. The large number of appreciations from commercial chemists of the comparison of the cost of drugs and chemicals before, during, and since the war, has induced us to continue the series to July 31 of this year. The four costing tables are valuable ready reckoners for chemists who desire accurately to adjust their profits on sales. With these tables any net wholesale list can be used as a basis of retail sale prices. The list of drug-trade organisations in the United Kingdom is the most complete of its kind, and will be quite up to date if the following additions and emendations are made, which came in after we had gone to press with the *Diary* :

BRIGHTON AND HOVE ASSOCIATION OF PHARMACY.—*President*, C. G. Yates; *Secretary*, F. W. Burgess, 138 Preston Drove, Brighton.

CAMBRIDGE JUNIOR PHARMACEUTICAL ASSOCIATION.—*President*, Miss D. French; *Secretary*, Miss M. Brown.

ISLE OF THANET CHEMISTS' ASSOCIATION.—*President*, E. Baily; *Secretary*, H. Weston, 16 King Street, Ramsgate.

MIDDLESBROUGH CHEMISTS' ASSOCIATION.—*President*, E. R. Nichols; *Secretary*, A. Enock, 201 Linthorpe Road, Middlesbrough.

NORTH IRISH PHARMACISTS' ASSOCIATION.—*President*, J. A. Bingham; *Secretary*, J. C. Culbert, Counswater Medical Hall, Belfast.

REIGATE, REDHILL AND DISTRICT PHARMACISTS' ASSOCIATION.—*President*, T. M. Wilmshurst; *Secretary*, W. H. Fowler, 38 Station Road, Redhill.

RHYMNEY VALLEY PHARMACISTS' ASSOCIATION.—*President*, W. P. Williams; *Secretary*, W. J. Williams, 14 High Street, Llanbradach.

STAFFORDSHIRE (NORTH) CHEMISTS' ASSOCIATION.—*President*, T. Bentley; *Secretary*, E. Corner, 60 Miles Bank, Hanley.

SURREY (COUNTY) PHARMACISTS' ASSOCIATION.—*President*, J. H. Price-Bond; *Secretary*, W. H. Fowler, 38 Station Road, Redhill.

To the list of trade unions on p. 293 should be added the Retail Pharmacists' Union, a report of whose hurried formation was a feature of last week's issue of THE CHEMIST AND DRUGGIST. There are many other matters of interest dealt with in the *Diary*, which make the volume a handsome desk-companion for British chemists throughout the world. The work of dispatching the *Diaries* has been highly organised, and if any subscriber does not receive his copy within the next few days we shall esteem it a favour if we are advised by postcard so that we can trace the missing copy. All *Diaries* are delivered free of cost for conveyance.

The Responsibilities of Dispensing Chemists.

THE result of the dispensing case tried at the Leeds Assizes on December 1 (*C. & D.*, December 4, p. 69) is of permanent interest to dispensing chemists. At the present time the subject of the relations of a chemist to a customer who comes to his shop for medicine is of special importance, not only in view of recent legislation, such as the Venereal Disease Act, 1917, but also because of the movement observable in some quarters to promote legislation that would relegate dispensing chemists to the position of mere mechanical purveyors of drugs to the orders of doctors. Should the movement succeed it might result in lessening their responsibility, but it could not fail to lower the professional status of chemists and druggists. When in 1885 the Court of Appeal had occasion to consider the position of an apothecary under the Apothecaries Act, 1815, the Act which, as was said, "for the first time placed apothecaries as a body on the footing of a liberal profession," one of the Lords Justices said that dispensing, mixing medicines, giving medical advice, and attending the sick as medical adviser were among the proper legal functions of an apothecary. After making allowance for the inroads made on his professional status by subsequent Acts, it still remains a fact that a registered chemist is entitled to engage in work which requires skill and knowledge. And it is a well-recognised legal rule that if a man engages in the public practice of any profession he undertakes to anyone who comes to him for treatment that he has the ordinary skill and knowledge necessary to enable him to do the work of his profession. His liability to a customer would arise from incompetence or from negligent treatment, and would have nothing directly to do with whether or not he was duly qualified, as by registration or the like. But while the basis of the liability to a customer depends upon the question of negligence, the law applies a different test of liability according as a person is duly qualified or not. Thus, if a dispensing chemist is a duly qualified man, the law presumes him to be competent, and if any claim for injury due to negligent treatment in dispensing is made against him, the claimant must not only show that some injury followed the treatment, but he must also give some evidence to prove that there was negligence in the treatment. But if, on the other hand, the person dispensing the medicine is unqualified, and any injury follows from the medicine he has dispensed, the injury is presumed by law to be due to his incompetence, and he will be liable to pay damages to the customer unless he can bring sufficient evidence to warrant the conclusion that the injury was not the result of his incompetence. This, of course, refers only to the question of the responsibility of a dispensing chemist towards his customers as a matter of civil liability. It has nothing to do with the restrictions which the Legislature in the interests, real or supposed, of the public has imposed in some cases on the practice of dispensing. The question, however, of whether the act from which the injury followed was or was not one forbidden by law might have an important bearing on the liability of the dispensing chemist. If the act was not forbidden by law, injurious consequences following from it would not make the chemist liable unless some evidence was given to show that he had acted negligently; whereas, if the act of dispensing were unlawful, then the injury would be ground for a claim against the chemist, although the customer could give no positive evidence of negligence. Thus, to take a possible instance : It is laid down in Section 1 of the Venereal Disease Act, 1917, that in any area in which the section is in operation a person shall not, unless he is a duly qualified medical practitioner, for reward, either direct or indirect, treat any person for venereal disease, or prescribe any remedy therefor, or give any advice in connection with the treatment therefor, whether the advice is given to the person to be treated or

to any other person. It is easy enough to conceive that injury might result to a patient who was treated for venereal disease by a dispensing chemist in contravention of this section. In such a case an offence against the criminal law would, of course, have been committed by the chemist, and, as has been said, there would be a presumption of law against him in support of the patient's claim for damages; but if the patient knew that in consulting the chemist he himself was committing an offence against the Act, our Courts would not be likely to allow him to sue, because of his participation in a transaction forbidden by the statute. In that way the dispensing chemist might escape liability. There would still be the possibility that, as appears to have happened in a recent case, the chemist might be proved to have been negligent; and there is also the case which may easily arise in which a patient, taking it upon himself to be his own doctor, goes to a chemist and asks for a medicine without mentioning any particular disease. This could not be held to be treatment by the chemist, and negligence by the chemist would have to be shown.

Merchants and Dyes.

Much has been written and a great deal more said of the desirability of putting the Dyestuffs (Import Regulation) Bill into force as quickly as possible, but very little has been heard regarding the views of the importer and exporter. Judging from the text of the Bill, it appears that their views, which in the past have been repeatedly expressed to the Government by their trade association, have been ignored, and their interests, and those of their customers—the small consumers of dyes and dyestuffs—have been totally neglected. We refer to the composition of the Advisory Committee. Manufacturers and consumers are to be given representation, but merchant traders are not. In fact, Sir Robert Horne, in the House of Commons last week, said, "Merchants who distribute the material are not specifically provided for in the arrangement." This legislation to prohibit or restrict the importation of dyestuffs concerns the merchant trader and his customers in no uncertain manner, and when one considers that the great majority of applications for import licences that will be submitted to this Committee will come from merchants one is apt to wonder why their interests are not to be recognised by representation on the Advisory Committee. The distribution of dyestuffs is essentially a merchants' business, and it may be said without hesitation that the experience and knowledge of a thoroughly competent dyestuffs importer and exporter would be a great asset to the Advisory Committee and a guarantee to some thousands of small consumers in this country that their interests will be safeguarded. We understand that prior to the second reading in the House of Commons the British Chemical Trade Association, at a meeting with the Parliamentary Secretary to the Board of Trade, pressed to the utmost and submitted excellent reasons in support of the Bill being amended to include the representation of merchants' interests on the Advisory Committee. It was urged that when these instructions are in force a merchant who could produce evidence that he was unable to obtain from a British source of supply the exact dyestuffs in the quality and quantity desired, should be granted a licence to enable him to import it. There is no doubt that the amendment alluded to above would give a better balance to the Committee and at the same time give to the trader a feeling of security that his own and his customers' interests were taken care of. There seems to be a feeling in the trade that directly the manufacturers receive the benefits of this Bill they may abuse the privilege—*i.e.*, knowing that a merchant will not be allowed to import dyestuffs that are manufactured in this country—they (the manufacturers) will either refuse to quote or quote at a figure that will make business impossible for the merchant, because eventually the business will have to come direct to them. Meanwhile the Bill is being rushed through a Standing Committee of the House of Commons, but up to the present no attempt has been made to include representation of the merchants' interest on the Advisory Committee.

The Sale of Clinical Thermometers.

The House of Lords, objecting to the way the Ministry of Health (Miscellaneous Provisions) Bill has been rushed through the House of Commons, threw out the Bill. The Bill, which was a jumble of half-a-dozen measures rolled into one, is a sample of the kind of thing which the Ministry of Health hope to rush through Parliament by means of assurances to the Coalition majority that all will be well if the members trust the Ministry. The rejected Bill contained a clause giving the Minister of Health power to regulate the sale of clinical thermometers in continuation of the regulation formulated in 1918 by the Ministry of Munitions. Of doubtful legality when originally promulgated, it was sought to continue the control and compulsory testing of thermometers at the National Physical Laboratory. A charge of 3*d.* per thermometer is made by the Laboratory, and it is stated that under the compulsory powers some 30,000 a week are tested. Many comfortable jobs are endangered if the regulations are not continued in some way, and it was with this in view that the Ministry of Health took a hand in the matter. Before the war Kew certificates were supplied at 1*s.* each, and all those who desired a guaranteed instrument purchased one with a certificate. Now, however, for 3*d.* the thermometers are marked with the Laboratory monogram, and there are many complaints at the dearness of the charge. If the marking were voluntary and for the 3*d.* fee a certificate were supplied, a great boon would be conferred upon the country, and the blighting incubus of Government control would be removed. Before the Bill is reintroduced we hope the trade will consider the steps to be taken to modify this measure so that the changes we have referred to are brought about. The Department is one of the numerous parasitic growths which the war has left behind, and the sooner it is reduced to reasonable proportions the better for the trade of the country.

German Colonial Activities and Aspirations.

Now that Germany has been deprived of her colonies, the various German colonial undertakings which have been liquidated are turning their attention to the prospects of utilising in other parts of the world the experiences gained. At a meeting of the German New Guinea Co. it was proposed to lay out plantations in South America, while the chairman of the Moliwe Plantation Co. (Cameroons), Prof. Warburg, recently emphasised the necessity for Germany to resume her activities in colonial work, in order to avoid becoming entirely dependent upon foreign countries for the supply of tropical raw materials. The Cameroon Caoutchouc Co. and the East African Plantation Co. propose laying out plantations in Portuguese Africa. In this connection it must be remembered that the German Government is obliged under the Peace Treaty to indemnify her nationals who have been dispossessed of their property abroad, and it has decided to pay out at once 75 per cent. of the amount claimed by such undertakings, provided they continue their activities, and also to grant them special facilities regarding taxation. This explains why these undertakings are not only anxious, but even in a position to contemplate resuming business in other directions and countries. This fact certainly deserves close attention, as their future activities are not unconnected with the form known as "peaceful penetration."

Associations' Winter Session.

Assistants' Unions.—The formation of a National Industrial Council was discussed at a meeting of the Pharmacists' and Assistants' section of the National Warehouse and General Workers' Union held on December 7 in the Church Institute, Newcastle-on-Tyne, under the chairmanship of Mr. W. H. Burns. It was agreed to defer a decision until the co-operation had been sought of others affected. One objection hitherto raised on the employers' side is that wage increases should now be stabilised on a national scale and not by separate areas. This seemed to be regarded as the inevitable solution of the problem. It was reported that large numbers of men released from Government training schemes are now seeking salaried situations to the detriment of prevailing conditions. It was urged that prompt action was imperative. Mr. J. Gilmour, chemist and druggist (national organiser), of Manchester, addressed the meeting on technical questions, dealing with the probable effects on the drug-trade of the big trusts now gaining control. Mr. J. C. Swanton (Newcastle, organiser) pointed out that the result of Britain's refusing to trade with Russia and Central Europe would mean increased unemployment in the drug and soap industries. It was decided to endorse the appointment of such a representative as the other local branches of the Union agreed upon as delegate to the N.E. Coast Committee, National Transport Workers' Federation.

Bradford.—A meeting of the Bradford Pharmacists' Association took place on December 9, under the chairmanship of Mr. F. E. Burdett, President. A lecture on *The Ductless Glands* was given by Dr. Stanley White. The lecture was illustrated with lantern slides, and proved highly entertaining to the thirty-five members present. An interesting discussion ensued.

Chesterfield.—A meeting of the Chesterfield Pharmacists' Association was held on November 30, Mr. F. J. Houston in the chair. The reorganisation of the Local Associations Executive on trade-union lines was considered, and the following resolution was afterwards passed: "That this Association supports the Local Associations Executive, and is of the opinion that a trade union, to be successful, must have the official backing of the parent society, and deprecates the formation of any rival organisation."

Devon.—A meeting of the Devon Pharmaceutical Association was held at Exeter on December 1, Mr. W. J. Shepperd presiding. Delegates attended from Exeter, Exmouth, Chagford, Tavistock, Cullompton, Barnstaple, and Bovey Tracey. The scheme for reorganisation of the Local Associations Executive was approved.

Dublin.—The Dublin and Provincial Retail Drug Association held a committee meeting on December 8, Mr. A. Owen Wells (President) in the chair. The following were also present: Messrs. J. A. Walsh, Robert Mellon, R. White, D. M. Watson, B. R. Allshire, John Smith, G. A. McLean Lee, W. F. Ellis, Victor E. Hanna, and Robert J. Kidney. The committee had under consideration the proposed co-operation with the Ulster Drug Trade Association, and the secretary was directed to communicate with them asking for details of a suitable scheme.

Edinburgh.—The Edinburgh Chemists', Assistants', and Apprentices' Association held a meeting in the Pharmaceutical Society's House, 36 York Place, Edinburgh, on December 8, Mr. H. W. Blair in the chair, at which a paper was read on *Pharmacy as a Calling* by Miss Margaret G. Boag. Miss Boag voiced the need of persons with high ideals entering and remaining in pharmacy, and suggested care in selecting suitable apprentices. Adequate school training should be secured by insisting on the passing of the Preliminary examination before apprenticeship. After contrasting the methods of the successful commercial pharmacist with those of the alleged scientific retail chemist, much to the disadvantage of the latter, she showed how the perspective of the unbusinesslike shopkeeper becomes distorted in regard to his business rivals and others. The speaker then said it is much to be desired that more good business men should become members of the Council and the Executive and other bodies acting for pharmacy. We have been too long under the leadership of an older generation, who worked under different conditions from those of to-day. Younger members and student-associates should take a greater interest and a larger share in the work of the Society. They would then be better able to judge the leaders in pharmacy. Women have come into pharmacy not to oust men, but to work with them and to help them. The public now recognise that women in pharmacy are quite as efficient as men. Why do some women not realise their own value? They do the same work as men, and it makes one indignant to hear they are accepting and even offering their services for smaller remuneration than men possessing the same qualification. The National Association of Women Pharmacists has been formed to protect the interests of women, and the Edinburgh group has already done valuable work in this connection. This was followed by *Notes on Some Materia Medica Specimens* by Mr. Henry Stout, Ph.C. Mr. Stout exhibited and gave an interesting description and explanation of drugs, alkaloids, glucosides, neutral substances, resins, etc. These included the alkaloids of cinchona, opium, nux vomica, and tea, and the resins of jalap and scammony. Five specimens of the rarer opium alkaloids attracted much attention. The notes were illustrated by a fine collection of interesting and in some cases rare specimens.

Halifax.—The Halifax Chemists' Association held a special meeting on December 1 to consider correspondence respecting the reorganisation of the Local Associations Executive on trade-union lines. Comment was passed respecting the increasing indiscriminate distribution of "Glaxo" and "Virol" through the clinics, the former being obtainable at 2*s.* 4*d.* per 1-lb. package. This unfair competition is being felt by the chemist. The local authorities had been approached on the matter, but their reply was not to hand.

Harrogate.—On December 10 the Harrogate Pharmaceutical Association held a meeting, when Dr. Stanley White addressed a representative gathering of members of the pharmaceutical and medical professions on *The Ductless Glands*. The lecture was illustrated by lantern slides.

Leamington.—A meeting of the Warwickshire Pharmaceutical Association was held on December 1, Mr. Hutton (President) in the chair. The secretary reported that he had forwarded 50*s.* to the West Midland Federation. Notice of motion that the subscription should be raised to 10*s.* 6*d.* was deferred to the general meeting in January. Correspondence with "The British and Colonial Pharmacist," in reply to suggestions as to the method of arranging retail prices in their list, was read. Subscriptions to the Harrison Memorial Fund were requested to be sent in, as the fund closes on December 21. The Local Associations Executive Committee scheme of reorganisation on trade-union lines, and the suggested amalgamation with the Chemists' Defence Association and Proprietary Articles Trade Association was considered. It was decided to support the scheme. A discussion took place on the Proprietary Medicines Bill. Mr. Davis gave a report of the Federation meeting at Birmingham, and Mr. Perkins of the meeting at Worcester.

Leeds.—A meeting of the Leeds Chemists' Association was held on December 8, the speaker being Mr. G. E. Marfitt, Leicester, who has been explaining to several Associations *The Art of Window Dressing and Display*, on which he is an acknowledged expert. The chair was occupied by the senior Vice-President and treasurer (Mr. N. N. Armitage). A number of apprentices and assistants to members were present. Mr. Marfitt, whose address was illustrated by a large number of mounted photographic enlargements of his own window displays, emphasised the fact that while he was dealing primarily with shop windows it is essential that the inside of a shop should be dressed in a similarly attractive manner, because inside dressing is a corollary of window display.

Mr. Marfitt recommended chemists to make their own showcards where possible, because the professional designer of showcards is trained to draw showcards but not to sell goods. He reminded his audience that some useful guidance on the making of showcards could be obtained in a book issued by The Chemist and Druggist on the subject. He strongly recommended the open style rather than the massed display, and particularly urged his hearers to avoid serried rows of goods or tiers upon tiers of shelves. Mr. Marfitt answered questions on points of detail. Mr. J. H. Beacock, in moving a vote of thanks, remarked that one drawback chemists have to suffer was the fact that they deal in things for people's insides, and people seem to count the coppers for such things, whereas they throw away shillings and pounds on things to wear outside. Although they as pharmacists believe in the professional side, they have to realise that under to-day's conditions there must be a good deal of trade progress to make their profit. The Chairman said he must confess that Mr. Marfitt had not yet convinced him that window dressing is not a great nuisance. (Laughter.) Mr. Marfitt, in response, particularly recommended assistants to study the art of window dressing. A good window dresser is worth a lot of money to his employer, and can draw a large salary. Window dressing, Mr. Marfitt contended, is well worth while, and should be given all the attention possible. The trader should not begrudge a little expense for fittings or accessories; it will pay handsomely in the end. Mr. Marfitt concluded by strongly recommending the Leeds Chemists' Association to set up a local window-dressing competition.

Liverpool.—A meeting of the Liverpool Chemists' Association was held at the Royal Institution, Colquitt Street, on December 15, the retiring President (Mr. D. H. Evans) in the chair. The secretary read a letter of complaint regarding the opening of pharmacies on Wednesday afternoons and evenings. The President referred to the difficulty of keeping shop-doors closed when several Insurance prescriptions were dispensed in an hour. It was resolved that a warning circular be issued. Mr. Hugo Wolff, member of the Council of the Pharmaceutical Society, addressed the meeting on *The Injunction: What Follows?* Mr. Wolff said that, being the first member of the Council to speak on the subject, he would not cast any reflection, direct or indirect, on any section of the pharmaceutical Press. He hoped that pharmacists would make every effort to maintain and improve the position of the Pharmaceutical Society. He augured success for the new Trade Union, which would be strong both numerically and financially. Details remained to be settled, but the scheme rested on a firm foundation. Every day he was asked to reply by telegram stating whether the new Union would publish a paper, and, if so, what would be its title and policy, and who would be editor. (Laughter and a voice: "Do you want a job?") Each pharmacist should support the new Union as a means of protecting his own interests and ensuring the progress of the profession. (Applause.) The ensuing discussion was contributed to by Mr. West (Southport), Mr. L. Moreton Parry (who characterised the address as full of commonsense), Mr. W. H. Clubb (President-elect, who agreed that Mr. Wolff had struck the nail on the head), Mr. T. S. Wokes, and Mr. Wherly (Wallasey). A vote of thanks closed the proceedings.

London (N.).—The monthly meeting of the North London Pharmaceutical Association was held at the Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, London, W.C., on December 14, Mr. C. W. Andrew, President, in the chair. Arising out of the minutes, Mr. Skinner (hon. secretary) dealt with questions of the cutting of the price of Glaxo by grocers and the sale of Elliman's Embrocation. The subject was also discussed of the offer by Lysol, Ltd., of trade terms to Boy Scouts for Osyl tooth-powder and paste with the object of inducing the boys to sell the articles to their friends, and so raise funds for the annual camp. The President then called upon Mr. S. W. Woolley, Editor of The Chemist and Druggist, to read a paper on *The Medicine Stamp Acts*. In the course of the lecture the origin of the Acts was traced and the point emphasised that the intention from the beginning was not to tax the sick but to raise revenue from empirical remedies prepared and sold by persons who were not regular practitioners in medicine and pharmacy. Dealing then with the schedule in the Medicine Stamp Act, 1812, the specified articles and general charge of duty were explained. The rest of the paper dealt with the exemptions from stamp duty, some of which it is threatened by the Government to abolish. Besides the three exemptions (book of rates, entire drugs, and known, admitted, and approved remedies) the position in regard to artificial mineral waters and medicinal lozenges was referred to, and finally a few notes were given regarding articles outside the Acts. A "Dictionary of Difficulties" was distributed to the members present. A discussion was opened by the President. Mr. Skinner raised several points arising out of exemptions under "known, admitted, and approved" and entire drugs, also about the liability of tablets, etc. Mr. Jenkin referred to the fact that apprenticeship conferred selling privileges even to unqualified persons, and Mr. Downing mentioned the exemption from stamp tax of wines. Mr. Swanstone asked regarding the sale of articles, such as a lung tonic, by ordinary shopkeepers. Mr. Watson, President of the Western Association, who was present, and was given a hearty welcome, dealt with the question of simple drugs with slight additions; Mr. J. Noble on the limit of time in the original exemption. Mr. Bowie introduced Mr. Lloyd, of the Western Association, who dealt with published numbers in the "known, admitted, and approved" exemption, and Mr. Curtis on the exemption of vaseline. The President moved a hearty vote of thanks, which was enthusiastically accorded. Mr. Woolley briefly replied. Mr. Skinner then gave the results of the meetings which led up to the action taken over the Local Associations Conference. Mr. Jenkin explained that his amendment was ruled out of order by the President. Mr. Hearle followed with his exposition. It was agreed that a committee, consisting of Messrs. Downing, Honiatt, Hearle, with the officers *ex officio*, to watch developments and make recommendations.

London (S.W.).—A special meeting of the South-West Chemists' Association took place on December 9 to hear the delegates' report of the conference held on the previous day. The President, Mr. J. Humphrey, Ph.C., was in the chair. Messrs. Atkins and Skues gave a detailed report of the proceedings, and explained the scheme as it now stands. They were in full sympathy with the scheme, but hoped it would be possible to appoint a full-time secretary, or, failing that, to have an organiser who would travel the country and canvass prospective members; they also thought the subscription was on the low side. A full discussion took place, and in reply to a question the delegates recommended every member of the Association to join the Union and give it their full support. They reminded the members that the election of the new executive would take place early in the year. A sub-committee representing the employers was then appointed to watch coming events.

London (W.).—A meeting of the Western Pharmacists' Association was held at Pinoli's Restaurant, Wardour Street, on December 15, the President (Mr. H. S. Watson) in the chair. Mr. J. P. Gilmour, editor of "The Pharmaceutical Journal," lectured on *Is Pharmacy Played Out?* The lecture was on similar lines to Mr. Gilmour's address to the Bradford Association in September, which was fully reported in this section (*C. & D.*, September 18, p. 57). The lecture was punctuated by frequent laughter and applause, and was followed by appreciative comments and reminiscences from Mr. W. Browne, Mr. R. R. Pratt, Mr. C. A. Noble, and others. Mr. Gilmour briefly replied, and acknowledged the cordiality of his reception. The remainder of the meeting was occupied by a report, given by Mr. W. E. D. Shirtliff and Mr. J. P. Ellerington, of the Conference of Local Associations delegates held on December 8, and by a contingent discussion to which Messrs. Atkin, Lloyd, Cofman, and others contributed.

Manchester.—The monthly meeting of the Manchester Pharmaceutical Association was held on December 8, Mr. J. Cleworth (President) in the chair. Mr. W. H.

Saunders (Liverpool) gave an interesting and entertaining address entitled *Round the World in Forty Minutes*, in which he depicted his tour of over 30,000 miles that occupied ten months. The Niagara Falls and the vicinity he described as one of the greatest wonders of the world. From Canada they journeyed on to New York. In the States, Mr. Saunders said, they had no time to go in for their own packed specialities. Salesmanship was their greatest asset, and anyone who was a quick salesperson was assured of a good salary. The Fiji Islands and Honolulu were visited, and Mr. Saunders described the glorious climate. Proceeding to New Zealand and Australia, he was especially struck with the fine conditions prevailing in Australia in the drug-trade. In answer to a question by the President, Mr. Saunders said there were no limited-company shops there, as the laws of the country did not allow any but qualified chemists to hold shares in a limited company of chemists. He then sailed for Japan and China, and related the quaint customs prevailing there. The Japanese, he said, are shrewd business men, but could not always be trusted to do a fair deal. The Chinese merchants were much more straightforward. Mr. Saunders said there were no women employed in pharmacies in China or Japan, as far as he could find out. One proprietor said if he employed a woman behind the counter she would get married in two or three months. China, he said, would never progress until "the law of squeeze" is eliminated. "The law of squeeze" is the custom of the servant attached to every household, who sees that no one robs you except himself. (Laughter.) Mr. Saunders, in conclusion, said that one thing struck him at the end of his long tour, and that was the great impression they all have of the English people. Mr. Saunders advised all young men who had the opportunity to go abroad and see the world: it is a wonderful education and would always stand them in good stead. At the close of the meeting Mr. W. Kirkby, M.Sc., endeavoured to dispose of a number of books belonging to the library of the Association, which the Council had decided to sell, owing to the removal of the Association meeting-place (the Houldsworth Hall, Deansgate).

Salford.—A special meeting of the Salford Pharmaceutical Association was held on December 3 to consider correspondence regarding the reorganisation of the Local Associations Executive. Consideration was given to the draft constitution and rules of the proposed Pharmaceutical Union, and the meeting decided to support the official proposals. Mr. Simmons was elected a delegate to the Conference.

Southampton.—A few weeks ago the Southampton Pharmacists' Association decided to invite the medical men to attend the interesting lecture given by Dr. White (Parke, Davis & Co.) on *Ductless Glands*. The outcome has been that the Medical Society paid a similar compliment to the chemists by inviting them to a lecture by Mr. A. Searle on December 1 on *The Uses of Colloids in Health and Disease*. Mr. H. Jewell, President of the Southampton Pharmacists' Association, presided at the first lecture and Dr. Tebbs at the second one.

Stafford.—A committee meeting of the Staffordshire Pharmacists' Association was held at Stafford on December 2, Mr. Garland in the chair. A report from the checking bureau was considered satisfactory. The reorganisation of the Local Associations Executive was dealt with. Afterwards a general meeting was held, the President, Mr. Whitehead, in the chair. A proposal to support the official scheme was carried.

Swansea.—The Swansea and West Glamorgan Chemists' Association held a meeting on December 2 to consider the formation of the new Union of Master Pharmacists. The meeting decided unanimously to support the new union. Mr. Evan Griffiths, Pontardawe, brought up the matter of *Unprofitable Patent Medicines*. He suggested the secretary should write to the Associations in Wales, asking that they consider the matter in order that a combined effort might be made to increase the profits on proprietaries. The Dublin Drug Association had written stating they would co-operate. It was resolved that the secretary write the Welsh Association secretaries and the Welsh Federation, and that a date be fixed for a definite decision on the point. A vote of condolence was passed with the relatives of the late Mr. James Sketty.

Wolverhampton.—At a meeting of the Wolverhampton Chemists' Association, on December 3, Mr. C. M. Warner (President) in the chair, the question of the supply of malt-and-oil by the Joint Tuberculosis Committee was discussed, and it was agreed to leave the matter in the hands of the sub-committee of the Staffordshire Association.

Women Pharmacists.—A meeting of the National Association of Women Pharmacists, London group, was held recently, the President (Miss Gilliatt) in the chair. Miss Buchanan read her report upon the Conference of the National Union of Women Workers, held at Bristol, to which she had gone as delegate. A discussion on various points followed.

East Anglia Federation.

REPRESENTATIVES from Norwich, Lowestoft, Yarmouth, Peterborough, Chelmsford, and other associations were present at the quarterly meeting of the East Anglia Federation of Pharmacists at the Royal Hotel, Norwich, on December 9. Mr. P. Robinson (President) occupied the chair. The President and Mr. S. F. Body (Southend-on-Sea), delegates to the Local Associations Conference in London the previous day, explained the draft proposals for the formation of a Pharmaceutical Union before the Conference (*C. & D.*, December 11, p. 66). The Proprietary Medicines Bill was dealt with by the secretary (Mr. S. G. Tydeman), who said the interests of all members were being well looked after. An appeal on behalf of the Benevolent Fund was made by Mr. J. W. Bodger, of Peterborough, who offered to forward any member one of the collecting-boxes. Mr. J. F. Collin, of Norwich, called attention to the War Fund of the Society, and suggested that representation be made that the money there subscribed should be utilised in assisting the Benevolent Fund. Altogether the sum of 6*l.* 3*s.* was collected. The suggestion that one month's weighing-machine contributions should be given to the fund met with general approval. Mr. Lacey, Norwich, favoured an increased subscription rather than Local Association collection-boxes. An interesting discussion was initiated by the secretary on the question of a news insct for the Minimum Retail Price List, and it was ultimately decided to defer consideration of the question until the new Pharmacists' Union was in working order. Representation on the L.A.E. or substituted body was next considered, and it was decided that "this meeting authorises its Executive Committee to take the necessary steps to secure such representation as they are entitled to on the Executive Committee of the Pharmacists' Union." It was understood that the Committee would be within their rights to approach members and obtain their consent to nomination. It was decided to hold the annual meeting in March next at Colchester. Five nominations have been made for four seats on the Council of the Proprietary Articles Trade Association (Retail Section)—Messrs. N. N. Armitage, Leeds; J. H. P. Bolton, Winchmore Hill, London, N.; A. R. Keith, Poplar, London, E.; J. Milner, Greenwich, London, S.E.; and Dr. A. J. Barnes, of Dublin; and the meeting passed a resolution favouring the candidature of the first four mentioned. Reference having been made to the appointment of the assistant-secretary to the Council, Mr. G. A. Mallinson, as the new secretary of the Chemists' Defence Association, eulogistic remarks were made by the President, Mr. Male, Yarmouth, Mr. A. E. Beeston, and others, with reference to his services, and the secretary was directed to convey those sentiments to him with their congratulations. Mr. Halliday, Lowestoft, extended an invitation to the Federation to visit Lowestoft on some future occasion.

A TRADESMEN'S and business-men's association has been formed at Bridlington. One of its objects is to co-operate with the advertising sub-committee of the town council.

Almanacs and Calendars.

We have received several almanacs, calendars, and cognate publications distributed at this season by wholesale houses and retail chemists. Up to the present there is not a striking increase in number over those submitted for review a year ago, although the conditions of production are somewhat less uncertain. The average of quality, however, is well maintained. The following are of interest to the trade :

Lawrences, chemists, 44 Great Charlotte Street, Liverpool, are issuing a wall calendar (9 in. by 5⅛ in.) tastefully printed in colours on a light brown ground. The pictures on the tear-off portion inculcate tact by humorous examples of the lack of that desirable faculty.

W. B. Cartwright, Ltd., Rawdon, Leeds, send out a neat and convenient pocket diary (4¼ in. by 2⅝ in.), leather-covered, and with pencil and marker. The advertising matter is reduced to a minimum, and therefore no user of the diary should complain of its weight or bulk in the pocket.

Ridley's Almanac, 1921, issued by T. Ridley & Son, chemists, Carlisle, is a handy book of fifty-six pages (8½ in. by 5½ in.). On the cover is depicted Carlisle Cross, the old "Carel Cross," and a brief account of some of the scenes which have been enacted around it is given in the literary matter. Photographs of Mr. Thomas Ridley, chemist and druggist, and Mr. Thomas Moore Ridley, Ph.C., F.S.M.C., references to various features of their business, and miscellaneous information render the almanac interesting. This is the twenty-eighth year of issue.

At the Counter.

"O Push Trade" is not (always) the motto of the pharmacist who was asked for "a quarter of a pound of white precipitate powder to dust on the head," and after explanation supplied two pennyworth.

Hydrogen Peroxide has been proved a popular subject for mutilation of late, as several efforts received by us show. The following examples are perhaps the best: Three pennyworth of phosphide of hydrogen for dropping in the ear to make it boil; three pennyworth of procter devierge.

Another Testimonial.—Customer presenting a bottle bearing a label, "Perfumed Hair Oil": "Have you got any of that now? Do you still sell it?"

"Oh, yes! How much would you like—about a shilling's worth?"

"No, about three penn'orth. Are you sure it's the same as we've had before?"

"Yes, just the same."

"It's jolly good stuff. I want to make sure it's the same as before."

"Yes, exactly the same. Are you sure three pennyworth will be enough?"

"Yes, plenty, thanks. We don't use it for the hair. It's the only oil that suits our clock."

How to be Improved.—The postscript of a West of Ireland order reads :

Please send a list of all cures to me, and I will do all I can to improve ye at a very low cost for my trouble.

In a Belfast Pharmacy (192/44) :

1*d.* worth Honey and Borwicks.
1*d.* Kelsine Mackesa.
Bottle jsse flouid.
1*d.* worth of Jesus fluid for scrubbing the rooms with.
To Mr. ——. Dr. Please make a mixture for Dirrahe and loose state of bowles and flatunce wind.

College Notes.

Football.—London *v.* South.

Played at Norbury, on December 4, this match resulted in a win for London by four goals to *nil*. After fifteen minutes' play Comber scored for London, and shortly afterwards added a second. London continued to press, but half-time arrived without further score. In the second half, London, playing with the wind, had most of the game, and further goals were added by Blankeley and Comber.

Welsh College Debating Society.

A well-attended meeting of the Debating Society, in connection with the Students' Association, was held on December 3, Mr. Highfield, Ph.C., presiding. The speaker, Mr. L. Joseph, J.P., chemist and druggist, took as his subject *Current Pharmaceutical Topics*. Mr. Joseph reviewed the position of pharmacy prior to the passing of the first Pharmacy Act, compared it with the position of the profession to-day, and also dealt with its future prospects. He appealed to the students to take an active interest in pharmaceutical affairs, as that was the only way in which pharmacy could make progress. Following a lively discussion, Mr. J. B. Jones proposed a vote of thanks to Mr. Joseph, which was seconded by Mr. E. M. Meredith. In reply, Mr. Joseph thanked the students for their kindness, and proposed a vote of thanks to Mr. Highfield, Ph.C., for presiding.

Bankruptcy Report.

Re Walter Lewis, 14 Coleman Street, London, E.C. A sitting of the London Bankruptcy Court was appointed to be held on December 10, before Mr. Registrar Francke, for the public examination of this debtor, who formed the Chemical Trading Co., Ltd. (with offices at the above address), to deal with his invention to convert wood spirit into formaldehyde. The company is still in existence, but the debtor attributed his appearance at the Court to delay in the completion of the purchase of his invention. The receiving order was made against him last June on the petition of a creditor. Upon the case being called, Mr. F. T. Garton, official receiver, reported that he was informed that the debts had been paid in full, and an application would shortly be heard for an annulment of the proceedings. Under those circumstances he asked for a formal adjournment until next term. His honour adjourned the sitting till January 14.

Business Changes.

Papier Poudré, Ltd., are removing to 46 Baker Street, London, W. 1, on January 1.

Mr. H. Hocken, chemist and druggist, Station Road, Redhill, has opened a branch in Lesbourne Road.

Boots, Ltd., have opened a branch at the corner of Maidenhead Street and Bull Plain, Hertford. This is Messrs. Boots' first venture in the ancient borough, and the shop, with a total frontage of about 100 ft., embodies some smart ideas in fittings. A wide staircase leads to the library and other departments above the shop, and seven of the thirteen windows are each devoted to a single line—*e.g.*, vacuum flasks and attaché cases.

Synthetic Rubber.—German newspapers report that the manufacture of synthetic indiarubber by the Farbenfabriken, formerly Fr. Bayer & Co., in Leverkusen, has now been abandoned. This step has been rendered necessary by the fact that the high prices for raw materials, in conjunction with the coal shortage, make it impossible to compete with natural rubber, of which large stocks have accumulated in the world market.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Devon.—A meeting of the Pharmaceutical Committee was held at Exeter on December 1, Mr. Murray T. Foster in the chair. The report of the Central Checking Bureau for June was approved. The Devon Insurance Committee met on December 4. Mr. A. J. Murrin referred to the honour which had been conferred upon their chairman (Mr. P. F. Rowsell) in being elected at the head of the National Association of Insurance Committees, and moved a vote of congratulation which was carried unanimously. At a meeting held on Monday, December 6, the receipt of a letter from the Pricing Committee was reported, it stating that the analysis of prescriptions on behalf of the Panel Committee with regard to the investigation of excessive prescribing was proceeding for the first quarter upon a basis of 1s. 6d. per script. The Finance Sub-Committee reported that a settlement with the doctors for 1919 had now been made in accordance with the Medical Benefit regulations. The amounts distributed, irrespective of payments for temporary residents and invalided ex-Service men, were: Treatment, 35,072*l.*; mileage, 4,260*l.*; drugs, 2,888*l.*; total, 42,220*l.* A settlement had also been made in respect of doctors' war bonus for 1919. The total amount payable under this head was 5,386*l.* A complaint was received from a doctor to the effect that his treatment of an insured person had been adversely affected by the influence of Christian scientists. The patient has, however, now abandoned the latter form of treatment. A doctor wrote asking whether there is any objection to the use of "rep. mist." prescriptions where the chemist is willing to agree to such an arrangement. It was pointed out by the Medical Sub-Committee that the Committee were not in a position to consent to what would constitute a breach of the regulations.

Essex.—A meeting of the Insurance Committee was held on December 14, Mr. J. H. Burrows (chairman) presiding. The Finance Committee reported that the sum of 4,284*l.* 4*s.* 6*d.* was paid out of the Drug Fund to practitioners who undertake the dispensing of medicines to insured persons resident in rural areas. The sum allotted to the Committee out of the Special Exchequer allowance in respect of the increased practice expenses of rural and semi-urban practitioners amounted to 1,179*l.*, which is equivalent to 5.391*d.* per insured person in the above areas. Mr. E. C. Bullock said that it was very problematical whether the amount provided in the estimate was sufficient to meet the levy the Insurance Committee would have to make to meet the expenses of the Pricing Bureau. As chairman of the Executive Committee he was not in a position to say the amount that would be required, for the Ministry had placed a considerable amount of additional work on the bureau, which meant, if carried out, that they would have to double their staff, and therefore there would be increased cost to the various Insurance Committees concerned. The Executive Committee had protested, and, unless the Ministry provided the necessary funds, it would be necessary for them to come to the Insurance Committee. At the present time they were not in a position to say what the extra work would cost. The report was adopted.

Kent.—A meeting of the Insurance Committee was held at Maidstone on December 8, Mr. C. Igglesden presiding. The Pharmaceutical Service Sub-Committee reported having investigated the circumstances connected with certain prescriptions endorsed with the word "Urgent," which did not appear to be in the handwriting of the doctor. Reference was made to two of the doctors concerned, both of whom stated that the scripts were not issued as "Urgent" ones. The Sub-Committee referred to a letter from the chemist, who had since retired from business owing to ill-health, in which he stated, "A few prescriptions I marked 'Urgent' myself, as one doctor definitely refused to do so. . . . In each case I endorsed and initialed each 'Urgent' script, which should, I think, be sufficient." The Committee did not consider this explanation adequate, and a communication was in consequence addressed to him. The chemist's reply to this inquiry indicated that he did not appreciate the reprehensible irregularity of his action, and this fact the Committee considered seemed to indicate that the irregularities under review were largely due to his condition of health at the time. The Sub-Committee recommended that the Committee were not justified in paying the extra dispensing-fee on any prescriptions not endorsed "Urgent" by the doctors by whom they were issued. The report was adopted. The Pharmaceutical Service Sub-Committee also reported having investigated a complaint by an insured person alleging unreasonable delay in the dispensing of his medicine by an insurance chemist. In his written reply the chemist denied that any unreasonable delay occurred. When the complainant presented his prescription there were eighteen other insurance scripts in course of preparation, and he was therefore asked to call back in half an hour. The chemist states that the complainant called back in a quarter of an hour, and was asked to call back a little later. The shop was closed soon after 1 P.M., as it was early-closing day, but the complainant could have had his mixture by ringing the shop-bell. In a further letter the insured person denied the statement of the chemist. He also stated that he obtained his medicine from another chemist in less than seven minutes. The chemist and the complainant were invited to be present at the hearing. The complainant wrote, however, stating that he would be unable to be present, and that he did not wish to trouble about the matter any further. The chemist's statement was accepted, but the Committee emphasised the fact that had the patient been required to leave the shop and wait outside in the street while his medicine was being prepared, they would have felt compelled to take a serious view of the matter. The Medical Benefit Sub-Committee reported that they had agreed to allow Dr. A. J. S. Fuller to dispense for his insured patients living in the district of High Street, Brooms. Hitherto insured persons living in this neighbourhood had serious difficulty by reason of distance in obtaining drugs and appliances, particularly in the winter months. The Joint (Hours of Service) Sub-Committee reported that the agreed arrangements appeared to be working satisfactorily, except at Gravesend. In this case representations had been made by Mr. F. A. Moore, acting on behalf of the chemists at Gravesend, showing that the reasons for which Mr. Boulton was excluded from the rota were not so substantial as appeared in the first instance. The Sub-Committee had therefore decided to ask Mr. Boulton to take his share of the rota in common with the other chemists, and the necessary amendment would be notified to post offices so that the lists might be altered.

Leamington.—The Pharmaceutical Committee met on December 1. The secretary was instructed to inquire further of the Checking Bureau whether certain prescriptions containing 40 gr. per dose of potassium iodide are being properly priced. A complaint had been made from the Panel Committee that prescriptions handed in on early-closing days after business hours had been refused unless specially marked "Urgent." The Pharmaceutical Committee reported that they were unable to find any justification for the complaint. The secretary reported the efforts being made to obtain further increased remuneration for Insurance dispensing for 1921. The Committee agreed to accept the terms. The Central Checking Bureau's report was found satisfactory.

Liverpool.—At a meeting of the Insurance Committee on December 3, a recommendation from the Medical Benefit Sub-Committee, relative to the surcharging of two local doctors in the sums of 10*l.* and 15*l.* was considered. The cases had previously been investigated by the Medical and Panel Committees, who had found that the cost of drugs supplied to patients was in excess of what might reasonably be necessary for adequate treatment. The Insurance Committee decided to press the surcharges.

London.—A meeting of the London Pharmaceutical Committee was held on December 14, Mr. A. J. Wing in the chair. The report of the Central Checking Bureau for the month of September 1920 showed that the margin of error in pricing was 0.05*d.* In connection with the provision of a special dispensing service in the borough of Poplar, a letter was received from the Insurance Committee expressing appreciation for the assistance rendered by Messrs. Abelson, Hatfield, Keith, and the Pharmaceutical Committee. The secretary reported, *inter alia*: (1) That there were 371,943 prescriptions dispensed for the month of September 1920 at an average cost of 9.7*d.*, the total cost being 15,031*l.*; (2) that a letter had been received from the Insurance Committee stating that the cost of supplying statistics on chemists' accounts would be 5*l.* per month; (3) on a complaint against a doctor influencing his patients to obtain their medicines from a particular chemist; (4) giving particulars of correspondence which has passed between the Insurance Committee and the Pharmaceutical Committee in connection with stock mixtures and the London Insurance Pharmacopœia; (5) on the hearing of two complaints by the Joint Services Sub-Committee, involving the irregular procedure of doctor and chemist in each case. The report was adopted. A special sub-committee of the Pharmaceutical Committee reported that a joint conference with the Panel Committee and Pharmaceutical Committee was held in connection with the supply of prescription-books. At the conference it was decided to send a joint deputation to the Ministry of Health on the matter. The deputation to the Ministry of Health took place on November 24, when the members of the deputation were assured that the representations made would receive the consideration of the Ministry of Health. The representatives on the Pharmaceutical Service Sub-Committee reported that there were three cases of complaint against chemists. One was for alleged refusal to dispense, and two for alleged inaccurate dispensing. In the first case the chemist was exonerated, in the second the complaint was not substantiated, but in the third the chemist was severely censured. The secretary was instructed to make investigations as to the adequacy of the pharmaceutical service in three districts of London.

Manchester.—A meeting of the Pharmaceutical Committee was held on November 23, under the chairmanship of Mr. F. W. Bates, J.P. The Pharmaceutical Service Sub-Committee's report on the inquiry into the charges brought by a doctor against a pharmacist showed that complainant could not substantiate his charges. The Committee also approved the draft of the Committee's annual report, and agreed to have it printed and circulated to every member of the panel. The report covers a period of sixteen months. Statistical data for 1919 were given as follows: Medical benefit prescriptions, 904,273; total cost, 27,786*l.* 3*s.*; average ingredient price, 3.55*d.*; average dispensing-fee, 3.82*d.* The proposed terms for 1921 have the Committee's approval. Regarding the reconstruction of the Local Associations Executive, the Committee are opposed to the setting up of a new trade organisation, but favour the reconstitution of that body on democratic and independent lines. The Checking Bureau's report on the July prescriptions was considered satisfactory, and was adopted. An addition was made to the list of chemists supplying drugs and appliances.—A meeting of panel chemists was held at the Chess Club on December 1. Mr. J. Cleworth (President) was in the chair, and in his opening remarks dealt with the proposed dispensing terms for 1921. He then called upon Mr. A. Hershberg, hon. secretary of the Pharmaceutical Insurance Committee, who gave a lucid description of how matters stood at the present time, and explained the different proposed rates of payment as set out by the Local Associations Executive for 1921. Mr. J. H. Nidd, representative of the L.A.E., then explained the proposed reorganisation of the L.A.E., and read the draft letter of the proposed rules governing the amalgamation of the L.A.E. with the Proprietary Articles Trade Association and Chemists' Defence Association to form a strong trade organisation. The meeting unanimously approved of the action of the L.A.E. Committee of the Pharmaceutical Society, as outlined by the Inquiry Committee. A discussion followed, and Messrs. A. Hershberg, J. H. Nidd, Dixon, and T. Miller were appointed delegates to the Conference in London on December 8.

Middlesex.—At the meeting of the Middlesex Pharmaceutical Committee, held on December 1, the following were appointed as delegates to the Local Associations Conference at which the formation of a Chemists' Union was considered: Messrs. Bolton, Bright, Clement, Marns, Weiss, and Wolff. The following statistics were submitted by the Prescription Checking Department:

	Scripts	Average	Prescriptions	Average
August	53,847	12.9*d.*	66.7o5	10 4*d.*
September ...	60,759	12 7*d.*	74,108	10.4*d.*
October	68,884	12.6*d.*	84,655	10.2*d.*

The average cost per prescription during 1920 was 9.7*d.* for the first quarter, 10.1*d.* for the second quarter, and 10.3*d.* for the third quarter. The average cost for the nine months January to September was 10.0*d.* per prescription.—At the meeting of the Insurance Committee on December 6, W. W. Killand (chairman) presiding, the Finance and General Purposes Sub-Committee reported the following payments to chemists: August accounts and sundry accounts, 2,864*l.* 8*s.* 11*d.*; to Stanmore and Harrow Weald Medical Club, on account of drugs, second and third quarters, 1920, 50*l.* The Committee also reported the refund of 1*l.* 3*s.* 11*d.* paid to chemists. The action of the Sub-Committee was confirmed. The Sub-Committee further reported that they had considered the question of the expenses of the Pricing Office, the estimated contribution of the Committee being now 1,800*l.* a year. They are of opinion that the cost of the Pricing Office might be materially reduced by the further curtailment of statistics as to prescribing by doctors on the panel, as they consider the cost is out of proportion to their value. The recommendation of the Sub-Committee was adopted. It was reported that one chemist had resigned from the panel, and four new names had been added to it. The total number of chemists on the panel is 268. It was reported by the Finance Sub-Committee that the Drug Fund amounted to 35,701*l.* 10*s.* 6*d.*, less 6,766*l.* 9*s.*, proportion of "floating sixpence" transferred to the Practitioners' Fund. The total payments for drugs in 1919 was 28,923*l.* 1*s.* 6*d.* Sir William Glyn-Jones, who recently retired from his position as chairman of the Insurance Committee, was presented with an illuminated address to commemorate his valuable services while on the Committee. The address reads as follows:

"To Sir Wm. S. Glyn-Jones for his ability and courteous conduct from the inception of the Committee in 1912 until his retirement "The Committee desire to place on record their appreciation of his untiring efforts in connection with the introduction of Medical Benefit in the year 1913, and their opinion that it was largely due to such efforts that many difficulties which arose were successfully overcome." The address was signed on behalf of the Insurance Committee by the Chairman (Ald. Killand) and the Clerk (Mr. Abbott).

Surrey.—A meeting of the Insurance Committee was held recently, at which the reports of the Sub-Committees were considered. The Medical Benefit Sub-Committee reported that seven names had been added to the list of persons supplying drugs and appliances, and one name had been removed. Advances and balances to chemists to October 26 amounted to 1,246*l.* 7*s.* 3*d.*, and to November 17, 135*l.* 7*s.* 8*d.* The deductions on behalf of the Pharmaceutical Committee for the same period were 29*l.* 6*s.* 9*d.* and 31*l.* 4*s.* 3*d.*

Smethwick.—At a meeting of the Insurance Committee, held on December 7, the Medical Benefit Committee reported that the West Midlands Joint (Pricing) Committee have expressed the view that the proposal whereby prescriptions costing more than 25 per cent. over the real average cost per prescription shall be extracted by the Pricing Offices and forwarded to Panel Committees for scrutiny is open to considerable objection, inasmuch as it would tend to set up the view that the figure so determined (in Smethwick 1*s.*) was the maximum cost of insurance prescriptions in ordinary circumstances. As the average cost differs in various areas different stan-

dards would be set up. The alternative proposal of the Joint Committee is that prescriptions of an apparently excessive character, judged by ordinary standards, should be extracted by the technical officers at the Pricing Office without reference to cost. The Smethwick Panel Committee agreed with this view, and requested that the alternative proposal shall operate. They recommend that the objection to the proposal of the Minstry be supported. Statistical data referring to prescribing for the quarter ended September 30 were presented as follows:

Cost of ingred., 325*l.* 5*s.* 1*d.*	Av. ingred. price, 3.92*d.*
Dispensing-fees, 422*l.* 0*s.* 9*d.*	Av. disp.-fee, 5.08*d.*
No. of prescrip., 19,929.	Av. cost per person, 5.92*d.*

The Finance and General Purposes Sub-Committee reported that the sum allocated to the Drug Fund amounted to 2,831*l.* 8*s.* 11*d.*, and 574*l.* 4*s.* 2*d.* had been transferred to the practitioners' fund from the Drug Fund.

Wolverhampton.—The Pharmaceutical Committee held a meeting recently, when the Local Associations Executive suggested terms for 1921 were considered. These were recommended to the panel chemists for acceptance; the supply of malt and oil direct by the Tuberculosis Committee of Staffordshire, Wolverhampton, and Dudley was discussed and referred to the panel chemists.—The panel chemists had a meeting later on, when the 1921 terms suggested by the Local Associations Executive and recommended by the Pharmaceutical Committee were approved. The secretary read a letter sent to the Joint Tuberculosis Committee protesting against the direct supply of malt and oil, especially without any notice, and pointing out that chemists had got a supply in to meet the Tuberculosis Committee's requirements. The secretary's action was affirmed, and an additional letter was resolved upon, asking for a month's notice so as to clear some of the stock. Other matters were discussed. Mr. F. J. Gibson, J.P., presided over both meetings.

Worcestershire.—The Insurance Committee had before them recently a letter from the West Midlands Joint Committee as to the scrutiny of the prescribing Insurance practitioners. The Committee were of the opinion that the ultimate effect of this scrutiny had been to discourage the prescribing of expensive drugs, even when such drugs were necessary for the patient, and they protested against its continuance.

Yorkshire.—At a meeting, on December 10, of the North Riding of Yorks Insurance Committee, Dr. Candler Hope said the question of prescribing is a very serious one to-day. He thought that neither doctors nor insured persons quite realise the exact position medical men are in. When the Act came in, the insured persons were promised anything and everything in regard to medical treatment. The sum available was 2*s.*, which was the same as in 1912. The result was that a large number of medical men, at the instance of the Ministry of Health, were being surcharged, because the medicine supplied exceeded 2*s.* He did not think that fair, and suggested that if the insured person started kicking there would be 15,000 behind him.

SCOTLAND.

The National Health Insurance Drug Accounts Committee (Scotland) has issued a statement showing for the first nine months of the years 1915 to 1920 the number of forms allowed, the value, the average price, in respect of the burghs, counties, and the whole of Scotland.

	Burghs				Counties			
Year	No. of Forms	Value £ *s.* *d.*		Av. Price *d.*	No. of Forms	Value £ *s.* *d.*		Av. Price *d.*
1915	1,105,050	43,614	17 11	9.47	579,916	24,194	1 7	10.01
1916	934,352	38,769	11 6½	9.85	503,853	22,341	15 8	10.63
1917	892,790	34,830	1 11	9.33	480,574	19,938	13 6½	9.95
1918	886,934	40,764	8 3	11.03	494,745	24,791	4 10½	11.93
1919	929,098	46,403	11 9	11 98	541,906	29,221	15 10	12 91
1920	934,590	67,347	6 10	16.41	568,846	41,221	11 2	17.39

Ayr.—At a recent meeting of the Burgh Insurance Committee the Panel Committee informed the Insurance Committee that two shillings per head for the Drug Fund was inadequate. They also drew attention to the discrepancy between the number on the Insurance Register and the number upon which payments to doctors were based. The Committee decided to inform the Scottish Board of Health.

Glasgow.—A meeting of the Glasgow Burgh Pharmaceutical Committee was held recently, at which the final credits for 1918 were submitted, and the secretary was instructed to make application for the balance available as a bonus. The Checking Bureau abstracts showed that a considerable number of avoidable irregularities were still extant. The scheme for financing the Standing Committee was agreed to. This involves a small deduction annually from each panel chemist's account. The only suggestion brought forward with regard to the terms for service in 1920 was that an effort should be made by the Standing Committee to have discounting abolished.

November Drug Tariff.

The following are the alterations in the prices of drugs and appliances in November:

Acetanilid., 8*d.* oz.; acid. acetic. glac., 2*d.* oz.; acid. acetylsal., 2*d.* oz.; acid. citric., 6*d.* oz.; acid. gallic., 1*s.* 5*d.* oz.; acid. tannic, 1*s.* 7*d.* oz.; acid. tartaric, 4*d.* oz.; adeps, 3½*d.* oz.; adeps lanæ, 3*d.* oz.; adeps lanæ hyd., 2½*d.* oz.; ammon. benzoas, 1*s.* 5*d.* oz.; ammon. brom., 4½*d.* oz.; argent. nit., 11*d.* dr.; argent. nit. indur., 11½*d.* dr.; argent. proteinat., 5½*d.* dr.; bals. Peru., 4*s.* 2½*d.* oz.; barbitonum, 3*s.* 9*d.* oz.; bismuth. subgal., 2*s.* 5½*d.* oz.; bismuth. subnit., 1*s.* 7*d.* oz.; butyl-chlor. hyd., 7*s.* 4½*d.* oz.; caffeina, 6*s.* 4*d.* oz.; caff. cit., 4*s.* 8*d.* oz.; camphora, 1*s.* 1½*d.* oz.; chloral. hydras., 1*s.* 4½*d.* oz.; chloroformum camph. (B.P.C.), 1*s.* 8*d.* oz.; cocain. hydrochlor., 7*s.* dr.; codeina, 7*s.* 8½*d.* dr.; codein. phosph., 6*s.* 8*d.* dr.; collodium belladon. (B.P.C.), 1*s.* 8*d.* oz.; collodium salicylic comp. (B.P.C.), 1*s.* 3½*d.* oz.; copaiba, 7½*d.* oz.; creosoti carb., 4*s.* 2½*d.* oz.; creosotum, 1*s.* 6½*d.* oz.; dec. senegæ, 1½*d.* oz.; digitalinum (amorph.), 2*s.* gr.; emul. olei morrh. (B.P.C.), 2*d.* oz.; emul. olei morrh. c. hypo. (B.P.C.), 3*d.* oz.; ergotin (B.P., 1898), 24*s.* 6*d.* oz.; ext. belladon. liq., 1*s.* 9*d.* oz.; ext. cascaræ sag. sic., 1*s.* 4½*d.* oz.; ext. cinchon liq., 1*s.* 3½*d.* oz.; ext. ergot., 3*s.* 3*d.* dr.; ext. ergot. liq., 3*s.* 6*d.* oz.; ext. opii liq., 7*d.* oz.; ferri et ammon. cit., 7½*d.* oz.; ferri et quinin. cit., 2*s.* 11*d.* oz.; glycerin., 3½*d.* oz.; hexamina, 2*s.* 5½*d.* oz.; hydrarg. iod. rub., 2*s.* 4*d.* oz.; hydrarg. ox. flav., 11*d.* oz.; hydrarg. perchlor., 9*d.* oz.; hydrarg. subchlor., 10*d.* oz.; hydrarg. ammon., 10*d.* oz.; hydrarg. c. cret., 4*d.* oz.; iodum, 2*s.* 7*d.* oz.; lin. aconit. meth., 4*d.* oz.; lin. belladon. meth., 8*d.* oz.; lin. camph., 5*d.* oz.; lin. camph. ammon. meth., 4*d.* oz.; lin. chlorof., 10½*d.* oz.; lin. croton., 1*s.* 5*d.* oz.; lin. hydrarg., 9*d.* oz.; lin. methyl. sal. co., 1*s.* 0½*d.* oz.; lin. opii, 8*d.* oz.; lin. pot. iod. cum sapon., 5*d.* oz.; lin. sapon. meth., 3*d.* oz.; lin. tereb., 3*d.* oz.; lin. tereb. acet., 5*d.* oz.; liq. formaldehyd., 4*d.* oz.; liq. opii sed. (B.P.C.), 9*d.* oz.; magnes. pond., 4½*d.* oz.; menthol., 4*s.* 5½*d.* oz.; ol. cajuput., 10*d.* oz.; ol. morrhuæ, 3*s.* Imperial pint; ol. terebinth., 1½*d.* oz.; paraldehyd., 10½*d.* oz.; phenacetin., 2*s.* 5½*d.* oz.; phenazon. (antipyrin), 2*s.* 8½*d.* oz.; pil. hydrarg. (4 gr.), 9½*d.* oz.; pil. sapon. co. (4 gr.), 1*s.* 5½*d.* oz.; potass. brom., 3½*d.* oz.; potass. cit., 8*d.* oz.; potass. permang., 6*d.* oz.; potass. tart. acid., 3½*d.* oz.; pulv. opii co., 1*s.* 2*d.* oz.; quininæ hydroch., 9*s.* 10*d.* oz.; quininæ hydroch. acid., 10*s.* 6*d.* oz.; quininæ sulph., 6*s.* 11*d.* oz.; resorcinum, 2*s.* 10*d.* oz.; salicin., 6*s.* 8*d.* oz.; salol, 1*s.* oz.; sapo moll., 3*d.* oz.; sod. brom., 4½*d.* oz.; sod. salicyl., 6½*d.* oz.; sp. æther, 7*d.* oz.; sp. chlorof., 8*d.* oz.; sp. junip., 1*s.* 4*d.* oz.; sp. rect., 1*s.* 10*d.* oz.; suc. conii, 3½*d.* oz.; sulphonal, 5*s.* 7½*d.* oz.; syr. limonis, 4*d.* oz.; tereben, 7*d.* oz.; tinct. aconit., 6*d.* oz.; tinct. asafetid., 10½*d.* oz.; tinct. belladon., 6½*d.* oz.; tinct. benz. co., 7½*d.* oz.; tinct. card. co., 4*d.* oz.; tinct. catechu, 4*d.* oz.; tinct. chlorof. et morph. co., 1*s.* 6½*d.* oz.; tinct. cinchon. co., 7*d.* oz.; tinct. digital., 5½*d.* oz.; tinct. gelsem., 6½*d.* oz.; tinct. gent. co., 4*d.* oz.; tinct. guaiaci ammon., 9½*d.* oz.; tinct. hyoscy., 7*d.* oz.; tinct. iodi fort., 11*d.* oz.; tinct. lobeliæ ætherea, 1*s.* oz.; tinct. opii, 6*d.* oz.; tinct. opii ammon., 6*d.* oz.; tinct. quinin. amm., 5½*d.* oz.; tinct. strophanth., 9*d.* oz.; tinct. zingib., 7½*d.* oz.; ung. acid. carbol., 3*d.* oz.; ung. belladon., 1*s.* 8*d.* oz.; ung. gall. cum opio, 8*d.* oz.; ung. hydrarg., 5½*d.* oz.; ung. hydrarg. co., 8*d.* oz.; ung. hydrarg. iod. rub., 5½*d.* oz.; ung. hydrarg. nit., 5½*d.* oz.; ung. hydrarg. ox. flav., 3*d.* oz.; ung. hydrarg. ox. rub., 3½*d.* oz.; ung. picis liq., 3½*d.* oz.; ung. resinæ, 4½*d.* oz.; ung. sulph., 3½*d.* oz. *Appliances.*—Bandages: *Crêpe*, 2 in., 2*s.* each; 2½ in., 2*s.* 5*d.*; 3½ in., 3*s.* 3*d.* Lints.—*Unmedicated*: 1 oz., 6½*d.*; 2 oz., 1*s.*; 4 oz., 1*s.* 11½*d.*; 8 oz., 3*s.* 7*d.*; 1 lb., 6*s.* 8*d.*, *Boric*: 1 oz., 4½*d.*; 2 oz., 8*d.*; 4 oz., 1*s.* 3½*d.*; 8 oz., 2*s.* 5*d.*; 1 lb., 4*s.* 4*d.* Wool.—*Cotton*: 1 oz., 3*d.*; 2 oz., 5½*d.*; 4 oz., 10½*d.*; 8 oz., 1*s.* 6*d.*; 1 lb., 2*s.* 5½*d.*; Oiled cambric: 4*s.* yd.

Trade Report.

42 Cannon Street, E.C. 4, Dec. 16.

With the approach of the end of the year there is an accentuation of the prevailing depression, which is not unusual prior to the Christmas holidays. Prices generally remain much about the same, but still weak, and the buyer can, within reason, dictate his own price, but as a rule purchases are strictly limited to immediate requirements. There are no outstanding changes among crude drugs. Refined camphor is about steady; menthol is easier; senega and balsam Peru have slightly eased. Italian produce is weak, following a fresh decline in lira. Quinine is arriving freely for the distributing channel. Mercury is easy. Spices are depressed, with a further reduction in peppers. Pimento, African and Japanese gingers are easier. Canary seed is also easier; cumin is slow, and fenugreek steadier. Shellac is lower. Castorum at auction met with a poor demand at lower prices.

Easier

Agar-agar
Amidopyrin
Arsenic
Balsam tolu
Barbitone
Cadmium
Calcium lactate
Camphor (Ch. cr.)
Canary seed
Cassia oil
Citronella oil (Cey.)
Cod-liver oil
Cresylic acid
Cumin seed
Egg yolk
Gingergrass oil (c.i.f.)
Juniper berries
Menthol
Mint oil (Jp.)
Patchouli oil
Pimento
Potash bichromate
Senega
Sodium bichromate
Spearmint oil
Terpineol
Wax veget. (Jap.)
Wormseed oil

Lower

Albumen (spot)
Aniline salt
Anise oil, star
Aubepine
Betanaphthol
Bromstyrol
Caffeine (makers)
Castorum
Clove oil
Cocoa butter
Creosote oil
Diphenyl oxide
Galls (Persian)
Geranium oils
Guaiacol carbonate
Heliotropine
Linseed oil
Methyl anthranilate
Musks, artificial
Pennyroyal oil (Sp.)
Pepper
Peppermint oil
Phenacetin
Potash chlorate
Potash sulphoguaiac.
Rosemary oil
Sandalwood oil (Mysore)
Shellac
Spike oil (Sp.)
Thyme oil
Vanillin
Wood oil

Steadier

Fenugreek seed
Phenazone
Tolubl

Cablegram.

Amsterdam, December 16.—A quiet tone prevailed at the auction of Java coca leaves; of the 3,479 kilos. total alkaloids offered, 771 kilos. sold at an average unit of 26.05c. per half-kilo., compared with 25.18c. paid at the November auction.

London Markets.

Agar-agar is quiet, with sellers of No. 1 at 2*s.* 5*d.* per lb. and No. 2 at 2*s.* 3*d.* on the spot.

Antimony.—The demand for Chinese crude has remained lifeless, and, while holders of spot parcels ask about 28*l.* to 29*l.* per ton, orders for shipment can be placed at around 26*l.* c.i.f. The undertone of the market, either in crude or refined, is easy.

Balsam Peru is about steady at the recent decline, and obtainable at from 12*s.* 6*d.* to 15*s.* per lb. on the spot. The New York price has declined to $2.00 per lb.

Balsam Tolu.—In spite of the seasonal demand, market is weak at 3*s.* 3*d.* per lb.

Cadmium.—The tone is easy, due to very slack trade, and there are now sellers at 6*s.* 3*d.* to 6*s.* per lb. on rather increased foreign offers.

Camphor (Crude).—Good white merchantable quality of Chinese is quoted at from 2*s.* 10½*d.* to 3*s.* 1½*d.* per lb. on the spot. The stuff offering at 2*s.* 6*d.* refers to parcels rejected by buyers on account of colour.

Camphor (Refined).—Japanese 2½-lb. slabs continue quiet, with spot sellers at from 5*s.* 1½*d.* to 5*s.* per lb., and slightly less for quantity.

Castorum.—The annual auction of the Hudson's Bay Co. was held on December 15, when 2,886 lb. were offered, compared with 3,580 lb. a year ago. There was only a small attendance of buyers, who were very loathe to operate, and about 1,200 lb. changed hands at lower prices. For YF firsts, which sold at 95*s.* per lb. last year, the highest bid was 41*s.*, which was refused. Three lots of YF and NW thirds sold at 19*s.*, being about 6*s.* lower. Fourteen lots of pickings YF and NW sold at 9*s.* 6*d.* Ten lots of YF, etc., cuttings realised from 5*s.* 6*d.* to 7*s.* per lb. At the conclusion of the Hudson's Bay Co.'s sale 2,400 lb. of Oregon were offered and bought in.

Chamomiles.—Fair white are offered at about 165*s.* per cwt., and seconds at 155*s.* on the spot.

Cocoa Butter is 2*d.* per lb. lower, with spot sellers at 2*s.* per lb. in lots of not less than one ton.

Cod-liver Oil continues weak, in view of the depreciation in Norwegian kroner, and 200*s.* per barrel c.i.f. will buy finest medicinal oil, or 205*s.* ex wharf London.

Egg Products remain dull and easier inclined. Chinese prime hen-yolk is offered at from 55*s.* to 60*s.* per cwt. for old and 85*s.* for new, and for December-February shipment 85*s.* c.i.f. is quoted. Dried yolk is 6*d.* per lb. on the spot, sprayed whole egg 1*s.* 3*d.*, and native dried whole 8*d.* per lb. spot. Prime Chinese hen *albumen* is now 3*s.* 10½*d.* per lb. on the spot, and December-February shipment is 3*s.* 7½*d.* c.i.f.

Farina is steady, with No. 1 Japanese offering at from 27*s.* to 27*s.* 6*d.* per cwt. on the spot, and for January-March shipment 23*s.* c.i.f. has been paid.

Gentian.—Spot sellers quote fair French at 55*s.* per cwt.

Gum Acacia is steady, fair Sudan sorts offering at 70*s.* per cwt. and cleaned at 75*s.* 6*d.*

Juniper Berries.—Fair Italian offer on the spot at 22*s.* per cwt.

Linseed Oil.—The trade demand, which was slightly more active during the recent upward reaction, has again ceased with the renewed break almost to the worst level recorded last month. The tendency of seed has been, on the whole, easier in consequence of the cheaper freight rates. Oil closes at 44*l.* naked in London and at 41*l.* 10*s.* in Hull.

Mace Oil.—Dutch expressed is quoted at from 12*s.* to 12*s.* 6*d.* per lb.

Menthol continues dull, with spot sellers of Kobayashi-Suzuki at 27*s.* to 26*s.* per lb., according to quantity; for December-February shipment 16*s.* 6*d.* c.i.f. is quoted.

Mercury.—There has been no improvement in the demand, and, although quotations are widely divergent, the tone is easy, with Italian obtainable down to about 14*l.* 10*s.* to 14*l.* 15*s.* per bottle, although holders are asking up to 15*l.* 5*s.* for Italian. The chief importers of Spanish are still quoting 15*l.* 10*s.* per bottle. Our imports for November were only 957 bottles, this making the total for eleven months 29,826 bottles, against 34,784 bottles for the same period last year. The demand across the Atlantic is reported very slack, and producers have apparently been taking orders at somewhat below the terms usually quoted. This is due to the keen competition of importers and dealers, who recently accepted business down to $55 per flask.

Sassafras Bark is in steady demand at 3*s.* per lb. on the spot.

Senega.—New York reports that after the recent break the market holds easy but steady, with spot dealers quoting 90c. to $1.00 per lb. as to quantity. The spot (London) value is about 6*s.* 6*d.* per lb., and slightly less for quantity.

Shellac is again considerably lower on the spot, usual standard TN Orange quality offering at 400*s.* per cwt.; fine lemon is 650*s.*, fine second Orange is 550*s.*, pure button is 590*s.*, and AC cakey 460*s.* per cwt. Futures are also lower, the sales including March delivery at from 325*s.* to 285*s.* to 315*s.*

Turpentine.—The position has been somewhat nominal for some time past, chiefly because of American trade uncertainties and the fluctuations in the rate of exchange. Owing to the paralysed state of the American demand for a month or two past, distillers are doubtless saddled with considerable stocks accrued from a materially increased crop yield, while the American export demand has fallen very much short of expectations. Attempts seem likely to be made to hold the price due to high costs. On this side stocks have assumed larger dimensions, and Continental competition has had its effect. Fluctuations have been small at around 105*s.* per cwt. for spot or forward.

Wax, Vegetable.—Japanese is quiet, with spot sellers at 115*s.* per cwt.

Seeds and Spices.

ALMONDS have been pressed for sale, but buyers, in view of lower prices, only operate sparingly. Sales of ground almonds have, however, been fairly heavy.

CANARY SEED is easier at 132*s.* 6*d.* to 135*s.* per quarter for good Morocco on the spot.

CASHEW NUTS.—Fair are offered at 80*s.* and blanched at 90*s.* per cwt.

CELERY SEED.—French is offered at 125*s.* per cwt. on the spot.

CHILLIES continue scarce, the value of fair Mombasa being about 140*s.* per cwt.

CINNAMON.—Prices are nominal in the absence of demand. Firsts is 1*s.* 8*d.*, seconds 1*s.* 7*d.*, thirds 1*s.* 6*d.*, and chips 4*d.* per lb.

CLOVES are quiet and unaltered, fair Zanzibar offering at 1*s.* 3*d.* to 1*s.* 4*d.* per lb., and December-January shipment at 10*d.* c.i.f.

CUMIN SEED is slow of sale at 22*s.* 6*d.* to 25*s.* per cwt. for ordinary to good Morocco.

FENUGREEK SEED is steadier, with sales at 10*s.* per cwt. for fair Morocco on the spot.

GINGER is dull, with both Sierra Leone and Japanese quoted rather lower at 47*s.* 6*d.* and 45*s.* per cwt. respectively. Jamaica is slow of sale and unaltered. At auction, 126 bags Cochin wormy washed, were bought in; sales privately have been made at 50*s.* for sound.

MACE is dull, with fair Singapore offering at 1*s.* 1*d.*, wormy at 10*d.*, to 11*d.*, and pickings at 9½*d.* per lb.

NUTMEGS meet with a small inquiry for Singapore, which are offered at 1*s.* per lb. for 110's, 1*s.* 2*d.* for 80's, and 1*s.* 6*d.* for 65's. West Indian are scarce.

PEPPER is quiet and lower, fair black Singapore selling on the spot at 4*d.*; November-January and January-March shipment has been sold at 4¼*d.* to 4*d.* c.i.f.; Lampong has been sold at 4¼*d.*, Tellicherry at 4⅜*d.*, and Aleppy at 4¼*d.* per lb., all spot. *White* pepper is lower, fair Muntok having been done at 9*d.* per lb., and December-February at 7⅞*d.*, January-March and February-April shipment at 8⅜*d.* to 8*d.* to 7½*d.* c.i.f. Singapore is 8½*d.* spot, and the value of January-March shipment is 7⅜*d.* per lb. c.i.f.

PIMENTO is quiet, with spot sellers at 3½*d.* per lb.

Pharmaceutical Chemicals.

THERE is little of interest passing in this group, the general weakness of the market being still apparent. In some directions a slightly better tone is reported, but not sufficient to call an improvement in business. There has been a fresh break in the German rate of exchange this week, due to the fact that there is a hitch in the monthly payment of German debts to British creditors. As the end of the year approaches less attention is being paid to cheap offers of chemicals from this source Phenazone and amidopyrin have been selling at irregular and lower prices, but at the close the market is steadier now that the weak sellers have cleared. Caffeine is much lower, makers having reduced their prices. Calcium lactate and guaiacol carbonate have eased. Phenacetin and potassium sulphoguaiacolate are cheaper.

ACETANILIDE remains fairly steady and quiet at 2*s.* 9*d.* per lb.

AMIDOPYRIN is quiet, with values maintained but not steady at 26*s.* per lb.

AMMONIUM BROMIDE is unusually quiet and in good supply at 1*s.* 3*d.* to 1*s.* 4*d.* per lb. Prices are, however, being cut.

ASPIRIN is inclined to ease, and is quoted at about 4*s.* per lb.

BARBITONE is not in much demand, with prices about the same at 19*s.* to 20*s.* per lb.

BENZONAPHTHOL is dull, with unsteady quotations averaging about 10*s.* 6*d.* to 11*s.* 6*d.* per lb.

CAFFEINE is very much reduced. Makers are now quoting at about 33*s.* to 34*s.* per lb. for pure.

CALCIUM LACTATE is inclined to ease off, and is quoted at 3*s.* 6*d.*, but there is not much demand.

CITRIC ACID.—The nominal spot value is 2*s.* 10*d.* per lb., but the position is such that sales have been made at considerably less by weak holders.

COCAINE.—Hydrochloride continues weak, with prices nominal at from 16*s.* to 17*s.* per oz.

CREAM OF TARTAR.—Buying continues for immediate requirements only, and prices are a matter of negotiation.

CREOSOTE ex maplewood remains steady at about 6*s.* per lb. on a quiet market.

GUAIACOL CARBONATE is a little easier at about 19*s.* per lb., but demand is limited.

HEXAMINE is unchanged at 7*s.* to 7*s.* 6*d.* per lb. on a quiet market.

HYDROQUINONE remains at 7*s.* per lb., with only small inquiry; to arrive 6*s.* 6*d.* c.i.f. is quoted.

LACTIC ACID remains steady at 3*s.* 3*d.* per lb., with limited business.

METHYL SULPHONAL continues quiet, with values about the same at 26*s.* 6*d.* per lb.

PARAFORMALDEHYDE is unchanged and quiet at 5*s.* 3*d.* to 5*s.* 6*d.* per lb. according to quantity.

PHENACETIN has again declined, and is now quoted on a dull market at about 11*s.* to 11*s.* 3*d.* per lb.

PHENAZONE has been selling at very irregular prices varying from 8*s.* 3*d.* to 9*s.* 3*d.* per lb., but most of the weak holders have now cleared, and values close at from 9*s.* to 10*s.* per lb., according to seller and quantity.

PIPERAZINE is fairly steady, with a little inquiry at 6*s.* per oz.

POTASSIUM BROMIDE seems to have touched bottom at 1*s.* 2*d.* per lb., at which figure it remains quiet.

POTASSIUM PERMANGANATE is still very unsteady, and quotations widely differ, the average being about 3*s.* per lb. for B.P. quality.

POTASSIUM SULPHOGUAIACOLATE is a falling market, and now quoted at 13*s.* to 14*s.* per lb.

QUININE.—Arrivals amounting to 476,000 oz. quinine and salts have taken place from Java.

SACCHARIN is very quiet, British make (550 pure) offering at 18*s.* per lb. in bond; for export 17*s.* 6*d.* in bond is quoted.

SALICYLIC ACID remains at last week's figure of about 2*s.* per lb. for B.P., with little inquiry.

SALOL is in little demand, and values are difficult to maintain at 4*s.* 6*d.* per lb.

SILVER NITRATE.—The price on December 15 was based on a metal value of 42⅝*d.* per oz. as follows: In quanties of 25 oz., 2*s.* 8*d.* per oz.; 50 oz., 2*s.* 7½*d.*; 100 oz., 2*s.* 7*d.*; 250 oz., 2*s.* 6½*d.*; 500 oz., 2*s.* 6*d.*

SODIUM BENZOATE is now steady on a dull market at about 2*s.* 6*d.* per lb.

SODIUM BROMIDE is freely offered at 1*s.* 2*d.* per lb., but there is but little demand.

SODIUM SALICYLATE, at from 2*s.* 10*d.* to 2*s.* 11*d.* per lb., is not in much demand; values unchanged.

SULPHONAL remains steady and quiet at about 25*s.* to 26*s.* per lb.

TANNIC ACID.—Leviss. is unchanged and quiet at from 6*s.* to 6*s.* 6*d.* per lb.

TERPIN HYDRATE is unchanged at 6*s.* 9*d.* per lb.

THYMOL is now steady after last week's decline from 47*s.* 6*d.* to 40*s.* per lb.

Heavy Chemicals.

London: December 15.

TRADING in the open market in "heavies" continues very much below the average, but at the same time there is a feeling that with the passing of the holidays and the New Year business will improve and a much better tone will prevail. At the moment there is practically no change to record, either in values or in the amount of business being transacted.

ACETIC ACID is still far from steady, and prices may fall a little from to-day's quotations of from 75*l.* to 80*l.* per ton for glacial and 62*l.* 10*s.* to 70*l.* for 80 per cent. pure; there is but small business passing.

ACETONE remains steady at 105*l.* to 110*l.* per ton on a quiet market.

Alum in bags is steadier but quiet at about 19*l.* per ton for lump.

Arsenic.—The demand is poor, and prices have yielded some ground, with white Cornish obtainable at 72*l.* to 70*l.* per ton delivered London or Liverpool. Foreign is offering at about 65*l.* c.i.f. United Kingdom. Given freer supplies, there is not much doubt that the market will weaken further.

Barium Chloride is offered at about 23*l.* 10*s.*, but there is only limited inquiry.

Barytes remains very firm at the old figures, with small orders only : 6*l.* 10*s.* to 15*l.*, according to quality.

Bleaching Powder is not in much request, and is unsteady at 24*l.* per ton for 35 to 37 per cent. material.

Borax is quoted by makers at 41*l.* per ton, with business slack.

Boric Acid remains steady at 74*s.* and 76*s.* per cwt. for crystals and powder, with moderate business.

Copper Sulphate.—The export demand is as poor as ever, and this, together with a renewed slump in the price of metal, has induced further concessions by some makers, while terms range from about 40*l.* down to 39*l.* per ton f.o.b. Liverpool for casks, less 5 per cent. The November exports were very poor at only 600 tons, although showing a slight increase against the previous month. The total for the eleven months, amounting to 18,865 tons, compares with 35,088 tons and 47,596 tons respectively for the whole of the two previous years.

Epsom Salt is quieter, with values about the same at 8*l.* per ton upwards for commercial quality in bags.

Formaldehyde has not yet found a steady figure; quotations are round about 140*l.*, with but small business.

Glauber's Salt remains quoted at 7*l.* 10*s.* per ton in bags, but there is no great demand.

Lead Acetate is about the same after last week's decline; quoted at 65*l.* for brown and 67*l.* per ton for white crystals.

Lead Products.—There was no further alteration in either white lead or red lead and litharge so far this week up to Wednesday, quotations remaining as they were given in our previous issue, but the tendency is certainly downward.

Lime Acetate is unchanged and quiet at 28*l.* for 80 per cent. grey and 35*l.* per ton for 92 per cent. material; market is quiet.

Lithopone is not in much demand; 30 per cent. Continental offered at about 32*l.* per ton.

Oxalic Acid remains quiet and at last week's figures of 1*s.* 5½*d.* to 1*s.* 6*d.* per lb.

Potash Caustic is quiet, with offers averaging about 78*l.* per ton for 88 to 92 per cent. material.

Potassium Bichromate is being asked for, and the value is inclined to ease off; quoted round about 1*s.* 3*d.* per lb.

Potassium Chlorate is decidedly lower, and is now quoted at 8*d.* per lb.; there is little inquiry.

Potassium Permanganate is freely offered, but not in good demand; commercial quality quoted at about 2*s.* 10*d.* per lb.

Potassium Prussiate is quiet, with easy offers at about 1*s.* 7*d.* per lb. for yellow.

Saltcake is quieter, with values fairly well maintained at about 15*l.* for 95 per cent. material.

Soda Ash is not firm, and in very moderate demand at about 11*l.* 10*s.* per ton for 58 per cent. in bags.

Soda Caustic is not in demand, and is being offered at about 27*l.* 10*s.* for 70 to 72 per cent. material f.o.b.; values are maintained, but are not steady.

Soda Crystals at about 8*l.* 10*s.* per ton are fairly steady, but not much business is passing.

Sodium Bicarbonate is in moderate demand, and fairly steady at about 11*l.* per ton for refined in bags.

Sodium Bichromate may decline in the near future, quotations now being round about 10*d.* per lb.

Sodium Chlorate is quoted, ex works, at 5¼*d.* per lb., and moving very slowly.

Sodium Cyanide is offered f.o.b. at 1*s.* per lb. (basis 100 per cent.), but there is only small inquiry.

Sodium Hyposulphite is in fair demand; pea crystals packed in kegs are moving at about 30*l.* on a steady market.

Sodium Nitrate is quiet; 96 per cent. refined is quoted at about 23*l.* 10*s.* f.o.r. Liverpool.

Sodium Prussiate is not in much demand, with values fairly well maintained at 1*s.* 0½*d.* per lb.

Sodium Sulphide is not firm; present quotations are round about 36*l.* per ton for 60 to 62 per cent.

Sodium Sulphite is easier, recrystallised offering at from 27*s.* 6*d.* to 30*s.* per cwt., and exsiccated at 50*s.* in 1-cwt. kegs.

Coal-tar Products, Intermediates, etc.—A number of declines in value are recorded this week on a quiet market : Aniline salt has declined from 2*s.* to 1*s.* 9*d.* per lb. and is quiet. Betnaphthol is now quoted at 2*s.* 6*d.*, against 2*s.* 9*d.* per lb. last week. Paranitraniline is fairly steady and quiet at 6*s.* 9*d.* per lb. Resorcin remains steady at 11*s.* 9*d.* to 12*s.*, with but little business. Benzoles remain unchanged at 4*s.* 6*d.* per gallon for pure and 3*s.* 6*d.* for 50's. Toluols have advanced slightly to 3*s.* 10*d.* per gallon for commercial. Creosote oil has fallen to 1*s.* 2*d.* per gallon on a dull market. Cresylic-acid crystals has ceased in all grades; it is now quoted at 2*s.* 6*d.* for crude and 3*s.* 8*d.* per gallon for 97 to 98 per cent. on a quiet market. Naphthaline in all qualities is fairly steady, with crude inclined to ease off in value; there is not much business passing; crude is 12*l.* to 20*l.*; powder, 50*l.*; and flakes, 41*l.* per ton. Pitch remains at last week's figure of 11*l.* 10*s.* per ton, and is quiet. Coal-tar is unchanged and not in much demand at 4*l.* 15*s.* per ton.

Essential Oils.

The general trend of prices is still towards lower levels, but buying is practically at a standstill, and no amount of shading will tempt buyers to operate except for immediate needs. Star-anise oil is again lower, and Ceylon citronella has weakened slightly. Cassia is also cheaper. Italian oils are extremely dull, and lower forward prices are current this week for lemon. Spanish oils generally show a considerable decline, but there is almost complete absence of demand. Among the oils quoted cheaper are clove, Algerian and Bourbon geranium, American peppermint, and East Indian sandalwood. An easier tone prevails in ginger-grass, patchouli, spearmint, wormseed, and Japanese mint. Aromatic and synthetic chemicals are very dull, and lower prices are general for aubepine, bromstyrol, diphenyl oxide, heliotropine, methyl anthranilate, and artificial musks. Terpineol has a weaker tendency.

Anise (Star) is lower, with spot sales of "Red Ship" brand at 2*s.* 10½*d.* to 2*s.* 9*d.* per lb. Well over 100 cases has been sold at the lower figure.

Bay.—West Indian is unchanged at about 23*s.* 6*d.* to 25*s.* per lb. spot. Bay oil testing 56 per cent. phenols is quoted at 26*s.* 6*d.* spot.

Bergamot is nominal at 32*s.* to 34*s.* per lb., according to seller and quantity for 37/38 l.a. Lower ester oil (35/36 per cent.) is obtainable at 30*s.* spot.

Cajuput is steady, and only small sales are reported at from 3*s.* 4½*d.* to 3*s.* 6*d.* per lb.

Caraway is in fair inquiry, the spot value of twice rectified Dutch being about 9*s.* 6*d.* per lb.

Cassia is lower. Spot sales of 80-85 per cent. c.a. have been made at 6*s.* 3*d.* Forward quotations are lower at 4*s.* 9*d.* to 5*s.* per lb. c.i.f.

Citronella oils are dull. Ceylon is easier on spot at 2*s.* per lb. to 1*s.* 10*d.* in round lots. Java is nominal at 4*s.* 9*d.* spot, but this would probably be shaded. A forward offer from Holland has been made at 3*s.* 6*d.* c.i.f.

Clove.—The question as to whether distilleries for the manufacture of clove oil should be established in the Islands of Zanzibar and Pemba is still receiving a great deal of attention, but so far nothing has been decided. English distilled is lower, being quoted at 10*s.* 9*d.* per lb., with sales down to 10*s.* 6*d.*

Coriander.—A resale parcel, guaranteed English distilled, is offered at 76*s.* per lb. spot, which is considerably below current quotations.

Cubeb is offered at 52*s.* 6*d.* to 55*s.* per lb. for Dutch in small lots.

Cumin can be had at 35*s.* per lb.

GERANIUM OILS are easier. Spot holders now quote for Algerian 41*s.* per lb., and this could be shaded for firm business. Bourbon can be bought at 37*s.* 6*d.* to 38*s.* 6*d.*

GINGERGRASS.—Buyers are still holding off, and the price is a shade lower at 17*s.* per lb. c.i.f.

LAVENDER.—French oil, testing 38 per cent., is obtainable at 37*s.* 6*d.* per lb. spot.

MINT.—Japanese dementholised is quiet, with Kobayashi-Suzuki offering at from 5*s.* 3*d.* to 5*s.* per lb. according to quantity, and at 3*s.* 11*d.* to 4*s.* c.i.f. to arrive.

PALMAROSA, in original pots, is obtainable at 21*s.* per lb. spot.

PATCHOULI.—Business is reported at 77*s.* 6*d.* to 78*s.* per lb., but for round lots 75*s.* would buy.

PENNYROYAL.—Spot sales of Spanish have been made at 5*s.* 6*d.* to 5*s.* 9*d.* per lb., which is lower. Up to 6*s.* 3*d.* is reported paid for small lots.

PEPPERMINT.—American tin oil is lower, with spot sellers ex wharf London at from 32*s.* 6*d.* to 35*s.* per lb. Italo-Mitcham peppermint is quoted at 40*s.* per lb. spot, which is lower.

PINE.—For fine quality *pinus pumilionis* 30*s.* per lb. is asked.

ROSEMARY.—Spanish is easier. Spot sales have been made at 3*s.* 9*d.* per lb., and up to 4*s.* is quoted, according to quantity.

SANDALWOOD.—The consignees for the Mysore Government oil announce a reduction of 5*s.* per lb., making the quotation for 5-case lots 45*s.* per lb., less than 5 cases 45*s.* 6*d.*, and broken bulk at 46*s.* An arrival, value 20,400*l.*, has taken place from British India. West Indian is easier at 25*s.* per lb.

SPEARMINT.—Spot holders are quoting about 48*s.* to 50*s.* per lb., which is slightly easier.

SPIKE.—Spanish is lower at 6*s.* to 6*s.* 3*d.* per lb. spot, and sales are reported at these prices.

THYME.—Spanish red has been sold at 8*s.* per lb., spot for 27 to 30 per cent. phenols, which is lower.

WORMSEED is easier, spot holders now offering at 37*s.* 6*d.* to 40*s.* per lb. and upwards for smaller lots.

Aromatic and Synthetic Chemicals.

AUBEPINE is cheaper on spot with sellers at 20*s.* BENZALDEHYDE is worth about 5*s.* 6*d.* per lb. for free from chlorine. BROMSTYROL is obtainable at 20*s.* per lb., which is easier. COUMARIN is unchanged on spot at 17*s.* to 17*s.* 6*d.* per lb. Some Continental makers are said to be selling on the French market owing to the low rates current in this country. DIPHENYL OXIDE is lower on spot at 6*s.* per lb. HELIOTROPINE is now quoted at 15*s.* per lb. spot for 100 per cent. and 10*s.* for commercial quality. METHYL ANTHRANILATE is lower at 20*s.* per lb. for spot. MUSKS—AMBRETTE is quoted easier at 200*s.* per lb., ex warehouse London; KETONE is unchanged at 100*s.*; and XYLOL is lower at 27*s.* per lb. TERPINEOL is obtainable at a range of prices on spot, according to origin, from 3*s.* 6*d.* to 4*s.* 6*d.* per lb., the tendency being easier. VANILLIN—The fact that Zanzibar cloves have been offering for shipment at lower prices of late, leaves the market weak, with sellers at from 55*s.* to 58*s.* per lb. The comparatively low price of vanilla compared with vanillin is being appreciated by manufacturing confectioners, who are giving it preference to vanillin.

Hamburg Drug and Chemical Markets.

December 11.

IN drugs and chemicals large transactions have taken place in home and particularly in foreign trade, due to the low rate of exchange. The following prices (in kilos) are quoted without engagement, subject to export permission, net cash against documents, f.o.b. Hamburg, packages extra:

ACETANILIDE.—Since speculators have burnt their fingers, the article is low at m.40.

ACETIC ACID (80 per cent.) has been sold for export at m.13.50; glacial (98 to 100 per cent.) remains scarce at m.16.

ACETYLSALICYLIC ACID has been inquired for at m.90 for export.

ALUM has been in fair demand from abroad for powder at m.4, and lump at m.4.25.

AMMONIUM BROMIDE.—Foreign buyers bought small lots at m.35.

AMMONIUM CHLORIDE.—Large sales for export have improved the price to m.8.50 for 98 to 100 per cent.

ARSENIC has been sold at m.20 for white powder (99 per cent.).

ASPIRIN.—Genuine meets with small demand at m.350.

BENZALDEHYDE, almost free from chlorine, has been raised to m.80, and ton lots to m.75.

BENZOATES.—*Sodium Benzoate.*—After autumn requirements have been satisfied, small lots have been purchased at m.57. *Benzoic Acid* has been steady at m.60.

BLEACHING POWDER has been sold more freely of late at m.425, kegs included.

BUCKTHORN BARK.—Demand for export caused a firmer tendency, prime selling at m.15.

CAFFEINE.—Pure has advanced to m.1,100 per kilo., owing to scarce supplies and good demand.

CAMPHOR (REFINED).—Japanese slabs meet with a small sale at m.220 per kilo.

CAMPHOR POWDER.—Synthetic at m.150 per kilo. is in buyers' favour.

CHROME ALUM.—Owing to large sales of weak holders, prices declined to m.11.

CITRIC ACID is selling briskly at m.90 for crystals.

COUMARIN.—Sales are almost only for speculative purposes at m.390.

CREAM OF TARTAR has been sold for prompt delivery at m.40.

ERGOT.—Spanish finds more attention at m.290 for good, sound quality.

GLYCERIN.—A large demand has set in, and has resulted in the advanced price of m.37.

HELIOTROPINE.—Small lots have been purchased at m.425.

HEXAMETHYLENETETRAMINE has been in good demand for export at m.260.

HYDROQUINONE.—Demand has increased, and m.185 has been paid.

LIQUORICE JUICE.—Increased transactions caused an advanced price of m.38 on spot; for delivery m.37.50 is quoted.

LYCOPODIUM.—Genuine is scarce at m.400.

MENTHOL.—New purchases would be higher than price on spot of m.825; sale has improved.

MILK-SUGAR.—Increased transactions caused a steady rise to m.48.

MINT OIL.—Japanese has been sold at m.170, particularly for export.

PHENAZONE is steady at m.350.

PHENOLPHTHALEIN.—Factories have reduced the price to m.180; dealers quote cheaper at m.140.

POTASSIUM BICHROMATE has been in good demand at the unchanged price of m.30.

POTASSIUM BROMIDE.—In spite of the falling mark, there has been a small demand only. Lately, rather important transactions for export have taken place at m.27.

POTASSIUM CHLORATE deserves attention at m.8.75.

POTASSIUM PERMANGANATE.—A brisk demand has set in at m.70.

POTASSIUM SULPHOGUAIACOLATE shows increased demand at m.275.

PYRAMIDON has been more in demand at m.825.

QUININE HYDROCHLORIDE is firm and in demand for export at m.1,800 per kilo.

SALICYLIC ACID.—Small transactions caused a reduction in price to m.45.

SALOL has declined to m.100.

SILVER NITRATE has advanced, owing to the falling rate of exchange, and is quoted at m.1,400 per kilo.

SODIUM BICARBONATE.—Lower factory quotations, without sales, however, caused improved transactions among dealers at the firm price of m.325 per 100 kilos.

SODIUM BICHROMATE continues in good demand at unchanged prices; business has been done at m.25.

SODIUM BROMIDE.—Only a small business at m.35.

SODIUM OXALATE has declined to m.22.

SODIUM SALICYLATE remains scarce at m.65.

STRAMONIUM LEAVES.—Large transactions have taken place, principally for U.S.A., and have resulted in the steady price of m.24.

VALERIAN.—The new crop will be small; demand is increasing at m.16.

VERONAL is unchanged at m.600.

WAX (JAPANESE) is advancing, and has reached m.28.

Italian Drug and Chemical Markets.

Genoa, November 26.

AT the beginning of November all classes in Italy were excited by the municipal elections, which ended in a victory for the Liberals in nearly every part of Italy, with the exception of the City of Milan and a few other centres where the Socialists prevailed. Consequently the Italian drug and chemical markets were greatly upset during the first eight days of the month. After this a certain recovery

would have taken place but for a sudden decline in prices of some products, which had the effect of scaring buyers, who hoped for a further reduction. This policy was all the more accentuated when the Italian Government came to an arrangement with the German War Reparation Commission, by which further important deliveries of dyes, dyestuffs, chemicals, drugs, and pharmaceutical products were arranged. These will be sold in all probability at lower prices than those at which other countries offer. During November also the demand for chemicals, drugs, and pharmaceutical products of all kinds was very strong on the Italian markets, and in many cases the desired products could not be secured. Many doubt that the arrangements with Germany will completely satisfy such needs, especially as some drugs, pharmaceuticals, and toilet products are only obtainable at present from England, the United States, Africa, India, etc.

The Foreign Exchange.—The foreign rate of exchange was in continual oscillation during November, and this rendered still more difficult and uncertain all business relations with abroad. The English pound started the month at lire 94, reaching lire 99 on November 10, and declining little by little to lire 90.63 towards the 18th, rising the day after to lire 93.05, descending subsequently to lire 90.28, and mounting to lire 92.90 and above. The United States dollar had the following oscillations at the above periods: 26.00, 29.98, 25.56, 26.85, 25.66, 26.00. The French franc: 1.73, 1.71, 1.57, 1.61, 1.60, 1.58. The Swiss franc: 4.29, 4.48, 4.07, 4.14, 4.04, 4.15. German money increased in value from lire 0.35 per mark to lire 0.40; 100 Austrian kronen declined from a value of lire 8.35 to a value of lire 7.20; 100 Czecho-Slovak kronen from a value of lire 32.40 declined to a value of lire 31.00. The above increase in the value of German money is due to a large increase in imports between Italy and Germany, not only as regards chemicals, drugs, and pharmaceutical products, but also as regards metals, ores, wood, etc. Some of the prices of drugs, pharmaceutical products, and chemicals were reduced during November, while others remained unaltered, and some actually advanced. The following are current quotations:

Drugs, etc.

	Lire per 100 Kilos.
Almonds, sweet Bari	1,285 to 1,300
,, sweet Sardinian	700 ,, 720
Anise, Bari	720 ,, 750
,, Span.	750 ,, 820
Armeline, Aleppo	550 ,, 600
,, Chin. Jap.	550
Cassia, Java	950
,, Martinique	990
Chamomiles	1,200
Cinnamon, Ceylon, firsts	1,760 to 1,780
Cloves, Madagascar	1,550
,, Zanzibar	1,550 to 1,600
Elder-tree twigs	1,100
Glue, strong	1,000
Gum, acacia	500
Linden-tree flowers	900 to 950
Liquorice blocks, pure	1,200
Manna, Geraci	2,100 to 2,200
Mannite, cones	1,550 ,, 1,650
Milk-sugar crystals	1,950
Mustard, Bari	420 to 450
,, Sicily	400 ,, 420
Nutmeg	1,200 ,, 1,250
Pepper, Java	340 ,, 350
,, Singapore	450 ,, 500
,, black Tellicherry	670 ,, 685
,, Aleppo	425 ,, 475
,, white Muntok	1,200 ,, 1,225
Saffron, Aquila	460 ,, 500
,, Spanish	480 ,, 500
Senna from Eritrea	850 ,, 860
Senna leaves, Tinn.	900
Shellac	4,900
Tamarinds (Barb.)	405 to 410
,, (Cal.)	310 to 320
,, (Madras)	300 to 315
Turpentine, Spanish	950
,, American	950
Vanilla, Tahiti	9,800

Pharmaceutical Products.

	Lire per 100 kilos.
Acetic acid, glac.	1,050
Acetone, pure	1,300
,, commercial	1,050
Alcohol, denatured, 90°	850
Alcohol, denatured, 95°	1,950
Ammon. carb., lump	600
Ammonium chlor. lump (98-100)	790
Ammonium chlor. lump (95-96)	725
Antimony sulphide, lump	595
Antimony sulphide, powder	620
Boric acid, crystals	850
,, ,, large flakes	950
Camphor tablets	9,000
Carbolic acid, cryst., 39° to 40° C.	1,300
Carbolic acid, liq., 95 p.c.	450
Castor oil, medicinal	850 to 900
Ceresin, pure white	1,175
Cod-liver oil, medicinal	1,400
Glucose, 45° Bé.	515
Glycerin, refined	825
,, d.d. s.g. 1·260	980
Honey, white	950
Hydrogen peroxide (10 vol.)	210
Magnes. carb., lump	1,000
Magnesium chloride	115
Magnesium sulph.	90
Naphthalene flakes	230
,, sublim.	230
Oxalic acid, xtals.	2,150
Pot. chlorate, powder	500
Pot. chlorate, santonin xtals.	390
Potash permang.	3,500
Quinine citrate	71,000
Quinine sulphate	57,500
Soda pruss., yellow	890
Soda salicylate, xtals.	4,000
Soda sulph., anhyd., fused	130
Sulphur, refined	120
Vaseline, best white	1,100
Wax, veg., Jap.	1,100
,, carnauba	2,300

War Drugs for Sale.

The Ministry of Munitions has about sixty million tablets of compressed drugs for disposal at the Army Medical Reserve Stores, Woolwich Common, S.E., 18, and has invited tenders from Metropolitan hospitals for their disposal. The tablets are in bottles of 500, and include 6,899,500 aspirin, 5 gr., 2,000,000 0.5 gr.; antipyrin, 5 gr., 1,000,000; bismuth carb., 10 gr., 1,900,000; ditto, 5 gr., 3,000,000; calomel, 7,800,000. Of the following they have 1,000,000 each: Opium, 1 gr.; potass. permang., 2 gr.; quinine sulphate, 2 gr.; quinine hydrochlor., 5 gr., and quinine bihydrochlor.; soda salicyl., 5 gr., 6,000,000; cascara sagrada, 3 gr., 3,349,500; morphine tart., ¼-gr., 2,000,000, etc.

German Quinine Production.

The three German quinine factories, which are closely connected by a strict convention, have issued a statement to the effect that they are confronted with considerable difficulties, which prevent them from supplying even small amounts to the wholesale trade. On the other hand, the German wholesalers contend that the manufacturers are deliberately attempting to exclude the wholesale trade, and are sheltering themselves behind pretended difficulties, some of which are non-existent and certainly are not of such a nature as to prevent almost any supplies being made to wholesalers. The latter intend to retaliate, since Germany is not the only country to produce quinine, and will place their orders abroad, regardless of the fact that by so doing they will favour foreign manufacturers to the detriment of the German quinine industry.

Java Quinine.

Some information concerning the Java quinine combination is contained in the report for 1919 of the directors of the Bandoeng Quinine Factory, extracts from which have just reached Holland. The directors first explain that the delay in the issue of the report and accounts has been due to the fact that it has been impossible to make up the latter at an earlier date, because it was only possible to settle with the Netherland quinine factories after the determination of the principles upon which the settlement should take place, which was difficult on account of the lack of distinctness in the agreement relating to the matter. The report states that the productive capacity of the factory was increased to about 40,000 kilos. per month, which involved a large expenditure, as war prices had to be paid for everything. During the year producers delivered more bark than they were under the obligation to supply under contract, although some were in arrears with their deliveries. At the end of the year 1919 a quantity of fully 16,000 kilos. of sulphate of quinine, in the form of bark, had still to be delivered, and this was allotted to the company. The factory, however, was able to fulfil the "war agreement," but this only lasted a year, as the war came to a close. As from January 1, 1920, working has been carried on for the account of the three factories, all the stocks being taken over by the combination. In this connection the report mentions that the purchase of bark, the operation of the factories, and the sale of all products take place for joint account. The administration is conducted by a committee of five, on which the Bandoeng Co. is represented by Baron van Heeckeren and Heer S. Camphuis, the Amsterdamsche Chininefabrjek by Dr. Hajonides van der Meulen, the Nederlandsche Kininefabriek by Dr. van Linge, and Dr. Sieger, director of the Amsterdamsche and Nederlandsche Kininefabrieken, is also a member.

The division of the profits takes place in the sense that the Nederlandsche and the Bandoeng Co. each receive three-eighths and the Amsterdamsche Chininefabriek two-eighths. As rental for the use of its factory and buildings the Bandoeng Co. receives 100,000fl. per annum, and the Nederlandsche and the Amsterdamsche each 20,000fl. per annum. All expenses of maintenance, extension, renewal, insurance, and taxes are borne on common account, and each member of the combination is paid interest at the rate of 6 per cent. per annum for the amount of working capital respectively provided. The participation of the Bandoeng Co. in the capital will be from 2,000,000fl. to 2,500,000fl. The report further states that the quantity of bark worked up in 1919 amounted to about 445,000 kilos. of sulphate of quinine, and it is also mentioned that the company will celebrate the twenty-fifth year of its existence next September.

Medicines and drugs valued at 10,082*l.* were imported into Grenada in 1919.

Turkish Olive Oil.—Owing to the abundance of this year's olive crop, the free export of olives and olive oil will be allowed from all parts of Turkey.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Death from Tetanus.

SIR,—Our attention has been called to items appearing in some of the daily papers reporting the adjourned inquest on the death of the five-days' old child as alleged from tetanus at Portsmouth, and in these the inference has been made that the "Vaseline" petroleum-jelly used as a dressing on the umbilical cord was infected with tetanus bacilli, through the paper disc inside the screw-cap covering the bottle. We wish to point out that there is no evidence to warrant such an inference, as the disc in the cap of the bottle of "Vaseline" petroleum jelly actually used was missing. The doctor who attended the case, in his evidence at the first inquiry, stated that the "Vaseline" petroleum jelly may have been contaminated by dressings used, and, at the same time, admitted that it was most improbable that the "Vaseline" petroleum jelly caused the trouble. As we sell millions of these bottles yearly throughout Great Britain, and have never had a previous complaint of any kind, it is fair to assume that we are not responsible for this isolated incident. We have had similar bottles analysed by one of the most eminent bacteriologists of the day, who has certified that it is impossible for bacteria to germinate and multiply in "Vaseline" petroleum jelly, because it is a hydrocarbon containing no nitrogen or oxygen, which elements are essential for the growth of bacteria. Nevertheless, we have decided to eliminate all grounds for suspicion by removing the paper discs from the screw-caps.

Yours faithfully,

A. B. RICHARDSON,
General Manager, Chesebrough Manufacturing Co.
42 Holborn Viaduct, London, E.C. 1.

"Be Prosperous in the New Year."

SIR,—Mr. Mills' letter on prescription pricing in London (*C. & D.*, December 11, p. 79) helps to focus attention on our differences in method whereby various charges are made, oftentimes irrespective of cost. The prescription he prices 3*s*. I price 2*s*. 4*d*., but in the case of the shop in question, being a positional business, there would be added 4*d*. to the above owing to greater overhead charges, making 2*s*. 8*d*. a fair price. Now, what I would like to ask Mr. Mills is, Will he give us the additional charges to be added to our primary cost, whereby 3*s*. is the Eastbourne charge for the prescription in question? The reason I ask is that I am frequently called upon to price difficult prescriptions, nearly 200 since January, and as most of them come from the provinces I should like to have the information I seek from Mr. Mills as a guide in dealing with country prescriptions. On the use of a code word one might remark that the rise and fall of prices, owing to abnormal conditions, tends to make the price of July look very foolish in December. All expensive prescriptions, in the interest of all parties, should be tested for price every time they are dispensed. It is business to give a good customer whatever advantage one can from decreased costs. The present fluctuations make it very difficult for the retailer who has bought, and then finds a big drop in cost, but as lists are based on current market rates it behoves him to be sure that his ratio of profit is not reduced to vanishing point.

EDITOR,
London Chemists' Price List.
16 Priory Gardens, London, N.

SIR,—I quite agree with Mr. Mills "that chemists as a body are afraid to charge." Why, I am at a loss to understand. Eastbourne pharmacists have an agreement that no one will charge less than the price marked on the prescription by the first dispenser. This arrangement has been the greatest success, and must have put pounds into the pockets of us all. We had hoped that a similar agreement might have been adopted by other associations. It could be perfectly easily done with a little co-operation. This matter was discussed at more than one meeting of the South-Eastern Federation, and it was agreed that pharmacists in the area should be recommended to mark prescriptions with the price charged, using the code word "Bishopgate." So far, I am sorry to say, I have hardly seen a marked script outside this town. Many thousands of prescriptions must have been dispensed by Eastbourne pharmacists during last season for visitors who are by now scattered over the whole country, and if our *confrères* would look out for the mark and make the same charge and adopt the same principle when pricing prescriptions, at any rate a beginning would be made in reaching that most desirable condition of things when prices would be more uniform, and, what is more important still, pharmacy would be a reasonably remunerated calling.

Yours faithfully,

HENRY C. BROWNE,
President, Eastbourne Pharmacists' Association.

Earlier Closing.

SIR,—I must thank Mr. H. R. Gibbs for his concise replies to my queries on early closing in New Zealand and Australia, and I can quite see that in the ordinary way of business it is, as he says, only the first step that matters, and that the public soon become educated to the necessity of obtaining their medicines at a reasonable hour. But when panel dispensing is involved a different set of conditions arises; by reason of the nature of the service the majority of the persons under the Act are employed persons who only finish their own day's work at 6 P.M., and after that go to the doctor and then to the chemist, so that a six-o'clock closing hour would involve considerable difficulties in this respect. Further, if a central all-night pharmacy were to be started in a given area where there were six or eight pharmacies, the all-night business would undoubtedly have more work than it could cope with from 6 to 8 or 9 P.M., as from experience we find that the greater part of the Insurance work comes in during those hours. Another point to be considered is that if central pharmacies were inaugurated to undertake this work it would probably be a direct incentive to the Ministry of Health to step in when they were thoroughly organised and turn them into State pharmacies for the administration of the medical benefit under the Act. As regards the medical men, they are apparently really professional men in the Colonies, and not semi-commercial, as they are at home, so that the question of dispensing does not interest them so long as their patients can obtain the medicines they order; but here they see their private patients first so as to make sure of them, and supply them with the drugs, and the panel patients come in a bad second, and it is the doctor's policy to see that the hours are extended rather than shortened. This panel business is therefore at present the only serious obstacle in our way to earlier closing.

Yours faithfully,

EARLY CLOSER. (11/12.)

The Pharmaceutical Union.

SIR,—"X-rayser II." points out the anomalous position of qualified managers under the proposed scheme for a pharmacists' union, but I think it must be accepted that in any arbitration that may arise under the Ministry of Labour with regard to wages and hours the qualified manager will be classed purely as an employee on the ground that he is neither a partner in a private business nor a director of a limited company. As an employee therefore he must, whether he likes it or not, join the assistants' union and can have no place in an employers' association; and this raises the question again as to whether it is worth while for an assistant or a manager to be a member of the Pharmaceutical Society, which will presumably be the power behind the scenes of the new employers' organisation, as the assistant will be subscribing to a body working against him, and in fact, according to a proposal by the President at the Conference last week,

part of his money may be actually handed over for the purposes of the employers. This would indeed be a Gilbertian situation. Another and far more serious point is that although the qualified managers could not belong to the Retail Pharmacists' Union, at the same time the shops that they are responsible for would each carry a vote, which could be used against them in any arbitration, and a man owning several shops would have a vote for each of them. What will be the position of the Retail Pharmacists' Union when the director of a company attends its meetings with 600 votes in his pocket and plumps them all in one block? Retail pharmacists will certainly have to turn up in greater numbers and use their votes more energetically than they have done in the past if they do not wish to be landed into a very awkward predicament.

Yours faithfully,

Qualified Manager. (19/9.)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Cold Cream.

R. C. F. (16/11) asks whether "the Duchess of Portland's Cold Cream" is a proprietary article; if it is not, will some reader oblige with the formula?

Garlic Preparation.

Referring to the reply to "F. S. D. Co." (*C. & D.*, November 27, p. 100), *J. R. W.* (28/11) writes: "May I also call your attention to the succus allii of Allen & Hanburys, Ltd., which we have to dispense frequently?"

Box Powder.

Referring to tho inquiry in this column (September 25, p. 95) concerning box powder, the following replies have been received:

The leaves of *Buxus sempervirens* are dried and powdered, and given to horses for the purpose of improving their coats. The powder is regarded by carters as highly poisonous, and to be given with great care.—*W. S. S.* (12/11).

I have sold powdered box leaves to a local farrier for many years as a remedy for worms in horses.—*Geo. M. Pitt, Barnstaple.*

The Price of Businesses.

Non-Buyer (23/11) writes complaining of the price asked for chemists' businesses at the present time. The figures asked for goodwill and for stock are too high, and with prices at their present tendency should fetch about half in six or twelve months' time. In addition, with the influx of thousands of newly qualified men competition is certain to be much keener. It may be said that there are no shops to be had, and so there can be no competition, but there is nothing to prevent individuals or limited companies buying up other businesses and turning them into chemists' shops. Another ramp which seems to be rather popular is that of compelling the purchaser of a business to buy the property also at the present inflated figures. I suggest that all buyers, where possible, should hold off for the next three months; this would very soon bring business profiteers to their senses.

Legal Queries.

A. A. (6/12) has for many years occupied a combined house and shop upon a yearly tenancy. The pre-war rent was 36*l.* a year and the landlord paid the rates. In 1915 the rent was reduced to 30*l.* and "A. A." accepted responsibility for payment of rates. "A. A." is not under any liability to do repairs. He has recently received from his landlord a notice, of which he sends us a copy, giving him three months to terminate the tenancy at Christmas and increasing the rent from 30*l.* to 39*l.*, as from that date. Is this increase enforceable? [If "A. A." is, in fact, a yearly tenant, and his agreement does not contain any special provision with regard to the termination of the tenancy, he is entitled to six months' notice, expiring upon an anniversary if the commencement of the tenancy before any increase of rent can be enforced. Moreover, the notice, if the copy is exact, is not in the form specified in the Act, and "A. A." can, in our opinion, take exception to it upon that ground also. The amount of the advance is correct, assuming that the net rent, in August 1914, after deducting rates, was 30*l.*]

D. N. (8/12) is the manager of a shop on behalf of A, a limited company. A has been given notice to quit the premises on February 28 next, and was also given the opportunity of buying them. This offer A refused, and "D. N." has bought the shop himself. A has agreed to sell the business to B, another limited company, at an early date. Is "D. N." entitled to a month's notice of dismissal by A, and is he entitled to refuse to accept B as tenant of the shop and to obtain possession of the premises on February 28 next? [We certainly consider that "D. N." can insist upon at least a month's notice of dismissal by A, unless he agrees to continue in the service of B. As regards his rights as landlord of the premises, he is in exactly the same position as the vendor would have been had he not sold them. Whether "D. N." can refuse to accept B as tenant, and can obtain possession of the premises himself, depends upon the terms of the existing tenancy, the amount of the rent, and other circumstances.]

Miscellaneous Inquiries.

J. S. (11/12).—Cat's Complaint.—The symptoms you mention indicate that the cat is suffering from dyspepsia or chronic indigestion, which may, and often does, lead to dysentery. Give a mild dose of castor oil and lime-water, with a few drops of chlorodyne and brandy. After a few hours give bismuth subnitrate gr. v. by placing it on the back of the tongue. Wash out the bowel with an enema of witch-hazel and warm water (3j. to Oj.). Tho feeding is of paramount importance, and should consist of boiled arrowroot and milk, peptonised milk, well-boiled rice, with minced lean beef or mutton, boiled fish, boiled sago, a little brandy, or similar light diet. The following can be given, according to symptoms:

I.	II.
Chlorodyni ... ... mx.-xv.	Pulv. ipecac.,
Sod. bicarb.,	Sod. bicarb. ... aa. gr. x.
Cret. prep. ... aa. gr. x.	Syr. aurant. ... ... ʒj.
M. To be given night and morning in boiled milk.	M. To be given every eight hours.

Bismuth, pepsin, and charcoal powders or ordinary chalk mixture with a little chlorodyn., tr. opii or tr. rhei may also be given.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Dec. 15, 1870.

How to put Pills in a Box.

Mr. Barnard S. Proctor, who writes in your paper last month on the use of a pill-scoop, is no doubt a most accomplished pharmaceutist, and knows how to *make* pills as well as any man living, probably. But I must beg his pardon for saying he does not quite know how to put them in a box when they are made. Tilting the machine and picking up the pills one by one are plans worthy only of those apprentices whose fingers are notoriously all thumbs. I have made pills morn, noon, and night for a good many years, and very seldom indeed do I drop one on the floor. After dividing I bring them on to the slab of the machine, and if they are of decent consistence I give them the finishing touch, then with a little twist of the hand I transfer them all at once into the palm of my left hand and thence into the box, in very little more than "no time." In this I never dreamed that I was doing anything clever until I read Mr. Proctor's letter.

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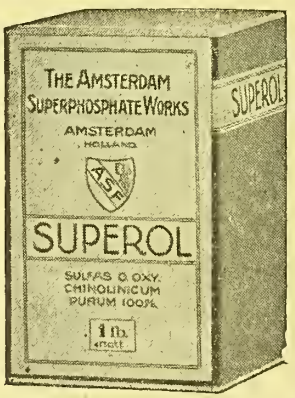
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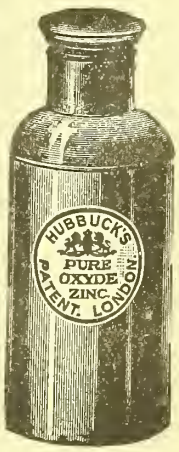
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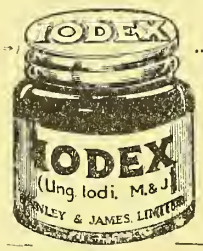
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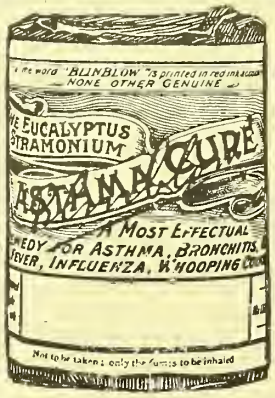
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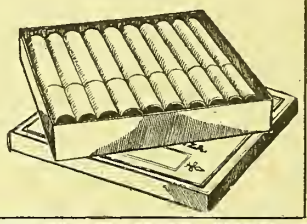
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P. A. T. A.

secures profits as follows—

3d.	Packets	44%	on Cost	Price
1½ lb.	Boxes	37%	„ „	„
3½ lb.	„	37%	„ „	„
7 lb.	„	41%	„ „	„
14 lb.	„	35%	„ „	„

All orders of 20/- value and upwards are carriage paid. Cases at bare cost.

*28 lb. Bags, *56 lb. „ *1 cwt. „	Sent direct to Chemist's own customer	16% 20½% 24%

*No Stock to hold or handle.

Prices on application to—

TIDMAN & SON, LTD.,
WAPPING, LONDON, E. 1.,
or to any Wholesale Patent Medicine House in the United Kingdom.

NEW PRICES
OF



Increased cost of manufacture compels a rise in the prices of "New-Skin" as follows:

	Retail Prices		Trade Prices
Pocket	Size 10½d.	Corresponding	8/5
Medium	„ 2/-	Increase in	19/2
Physician's	„ 3/-	Trade Prices	28/9½

£3 and upwards Carriage Paid.

MODERATE STOCKS ARE NOW IN HAND.

Order through your Wholesaler, or direct—

J. E. GARRATT,
96 SOUTHWARK STREET, LONDON, S.E.1.

We invite you——

to participate in the increased trade accruing from the publicity campaign which has been, and is still being, carried out.

This advertising is telling the public the value of IGLODINE in all its various uses. *Your* customers are being told. They are learning the wisdom of always asking for IGLODINE Specialities.

See to it that you are able to meet this ever-increasing public demand for Specialities which bear the name

·Iglodine·
THE ANTISEPTIC

Our Terms permit a 50% profit to the Retailer.

For Cuts, Burns, Scalds, Wounds, etc., and for Colds, Influenza and Throat Trouble Iglodine Preparations are remarkably effective.



Iglodine Specialities.

Antiseptic, Embrocation, Ointment, Pastilles, Tablets, Soap, Nasal Douche, Suppositories.

Write to-day for full particulars and for coloured display poster, 14 in. by 19 in. as here illustrated.

THE IGLODINE CO. Ltd. (Dept. N)
Pilgrim Street, NEWCASTLE-ON-TYNE.

(I) (On the P.A.T.A.) ℗ 23

One of the very best sellers in *your* business, with a specially rapid sale, and well advertised.

WOODWARD'S "GRIPE WATER"

1/3 per Bottle

(*Under the protection of P.A.T.A.*)

NET PRICE:
1 gross, delivered free to your door, **£7.**



1/3

Your Profit is 28½ per cent.

For our Gripe Water bottles we pay **18/-** per gross, and pay carriage on all quantities of ½-gross and over; thus our empty returnable cases, if containing bottles, can be returned free of cost to you.

SOLE PROPRIETORS—

W. WOODWARD (1920) LTD.

79-81 Fortess Road, London, N.W.5.

Increased Turnover means Increased Profit.

DO NOT MISS SALES OF

Galloway's Cough Syrup

which is now being extensively advertised in the Daily Press. On the P.A.T.A.

FAMILY LUNG SYRUP

also has a tremendous Sale. Good Profits assured to Retailers, and we would urge them to take full advantage of our Advertising Campaign.

RETAIL PRICE.		WHOLESALE PRICE.		LOWEST WHOLESALE PRICE.
2½d.	BOTTLES	Sample	24/- gross	
4d	,,	Sizes	36/- ,,	
8½d.	,,	Each	6/6 dozen	*5% Discount off £5 Quantities which may be Assorted.*
1/4	,,	in	12/- ,,	
1/11	,,	Carton	17/6 ,,	

Special Terms arranged for Window Shows. 2½ % Discount for Cash on Delivery.

P. H. GALLOWAY, LTD., Manufacturing Chemists,

WALWORTH ROAD, LONDON, S.E.17.

Telegraphic Address: "Tasteless, Walroad, London." Telephone: Hop 3497 (2 lines).

SYRUP

ROBERTS

(ROBERTS)

Recognised by the Medical Profession as

THE BEST TONIC.

Supplied in 8-oz. and 16-oz. Bottles by all the Wholesale Houses.

Inquiries Invited for

NEW & RARE MEDICINES

of French, Italian and Russian Origin.

ROBERTS & CO.,

76 New Bond Street, London, W. 5 Rue de la Paix, Paris.

A Seasonable Reminder

KAY'S 'LINSEED COMPOUND'

TRADE MARK

(Compound Essence of Linseed)

- Is a Household Remedy of sixty years' Reputation
- Is made by Pharmacists
- Is sold only by Pharmacists
- Shows a clear Profit of 25% on Sales

KAY BROTHERS LTD.

Manufacturing Chemists

STOCKPORT

Stock this profitable New Line

G.L. FORMALIN

To meet the heavy increase in manufacturing, overhead, and advertising charges, we are at last compelled to increase the selling prices of **FORMAMINT.** As from October 8 they will be as follows :

Stamped - **Selling Price to public : 2/9 per bott.**
To the Retail Trade : 26/- per dozen
Discount to Wholesaler - 12½ %

Unstamped - **Selling Price to public : 2/6 per bott.**
To the Retail Trade : 21/3 per dozen
Discount to Wholesaler - 12½ %

FORMAMINT will thus yield you a substantially greater profit ; but the chances are that there will also be an increase in the demand for cheaper "substitutes" commonly sold as Formalin Tablets.

That is why we are now offering the Trade a much better and more profitable Formalin Tablet than any other on the market—namely, **G.L. Formalin.** It is made on our Formamint machines, and is so similar to Formamint, both in taste and therapeutic efficiency, that every customer who tries it is certain to prefer it to the ordinary "substitutes" for Formamint.

As G.L. Formalin does not bear our name and requires no patent-medicine stamp, you can sell it as your own proprietary at any price you like—say, 1/- to 1/6 per bottle. And the Trade terms are only 85/- per gross, leaving you a most generous margin of profit.

Messrs. Sangers are the wholesale distributing agents for the United Kingdom, and we suggest that you send us a trial order, which we will hand to them. Please send it promptly, for a very large demand is anticipated ; and there is no doubt whatever that G.L. Formalin will be the most profitable "substitute" for Formamint that you could handle. Orders can, of course, be placed through other wholesalers.

NOTE.—Abundant supplies of Genasprin are now available. It has been suggested to us that we should introduce a small trial size of Genasprin, and we should be glad to hear from our friends in the Trade as to whether this idea appeals to them.

GENATOSAN LTD. (British Purchasers of the Sanatogen Co.)
12 CHENIES STREET, LONDON, W.C. 1.

Mr. G. J. Goddard, Ainsley Street, Barrow-in-Furness, writes :—
"Consignment of 'Liquid Ice' selling well—arrived Saturday, with booklets, but minus showcards. Please forward as soon as possible."
Yours etc. *(Signed)* J. W. GODDARD.



LIQUID ICE

ANTISEPTIC TREATMENT OF ALL KINDS OF FEVERS.

A simple, natural and scientific external remedy for all Zymotic Diseases, Influenza high temperature, Headaches from all causes, Sunstroke, the various forms of Rheumatism and Gout, Neuralgia, Sciatica and Lumbago, Bruises, Sprains and Contusions.

2/- Size 18/- per doz.
3/- ,, 27/- ,,
5/- ,, 45/- ,,

Carriage paid for not less than three dozen.

Less 5% for window shows. Attractive show cards supplied. A steady regular sale ensures 40 % profit on cost.

Manufacturers: LIQUID ICE CO., LTD., 100 Jermyn Street, London, S.W. 1.

INCREASED PRICES
OF
R. T. BOOTH'S
HYOMEE

From December 11th the retail prices of R. T. Booth's Hyomee Pocket Outfit will be increased to 3/- each, and the Inhaler to 1/9 each.

TRADE TERMS.

Each			Per Doz.
3/- ...	HYOMEE	POCKET OUTFIT	28/9½
1/9 ...	,,	INHALER	16/9½
2/6 ...	,,	INHALANT*	24/-
4/3 ...	,,	,, ...	40/9½
8/6 ...	,,	,, ...	81 7
2/9 ...	,,	CATARMEL	26/5
5/- ...	,,	,, ...	48/-
2/9 ...	,,	CATARRH POWDER ...	26/5

*Note—The 1 3 size Hyomee Inhalant is, owing to bottle difficulties, withdrawn from sale for the time being. A new size 2 6) has been introduced to meet demand for a small size.

J. E GARRATT
96 SOUTHWARK ST., LONDON, S.E. 1.

P.A.T.A. NOTICE.

113 Temple Chambers, Temple Avenue, E.C. 4.

December 18, 1920.

The following revised prices are now in force :

Size.		Minimum Retail Price.	Minimum Wholesale Price.
	Parke, Davis & Co's Tablets :—		
25's	Hypophosphites & Quinine Comp. (C.T. 28)	1/9	14/3
25's	Ammonium Bromide, 5 gr. (C.T. 216)	10d.	6/5

ALL RETAILERS who are not yet members of the P.A.T.A. are earnestly urged to become so before the end of the year, in order that 1920 may far outstrip the previous year in point of membership.

ALL REACTIONS of the Body Fluids and Tissues are COLLOIDAL.

"Collosols" are pure and stable colloidal solutions, isotonic and isomorphic with the elements of the body.

CROOKES'

COLLOSOLS

"Collosols" are tested by ultramicroscopic bacteriological and clinical experiment.

COLLOSOL SULPHUR

Collosol Sulphur is not presented as a substitute for the Spa treatment of such affections where Spa treatment is available, but as a supplement to it. A course of treatment at a Spa can be followed up by the exhibition of Collosol should relapses occur.

For patients who are unable to take a course of Spa treatment, practitioners will find Collosol Sulphur invaluable.

It is prepared in five different forms—for external use and bath medication, for internal administration, for injection, and as a cream, with which the affected part is gently massaged. Also as an oil for the scalp.

Also the following COLLOSOL Preparations:—

ARGENTUM, ARSENICUM, CUPRUM, FERRUM, HYDRARGYRUM, IODINE, MANGANESIUM, PALLADIUM.

Kindly Note Change of Address

FULL EXPLANATORY BROCHURE OF ALL COLLOSOL PREPARATIONS WILL BE SUPPLIED FREE ON APPLICATION.

The CROOKES' LABORATORIES

22 CHENIES STREET, TOTTENHAM COURT ROAD, W.C. 1.

Telephone: MUSEUM 3663.

Telephone: 787 TRAFFORD PARK. Telegrams: "STEVENUT MANCHESTER."

CONTRACTORS TO H.M. GOVERNMENT.

G. STEVEN & CO.

(G. STEVEN, Ph.C., M.P.S., PROPRIETOR)



TABLETS . Manufacturers of all kinds of Medicinal Tablets, plain sugar and chocolate-coated, packed and in bulk. We are now prepared to supply large quantities of

Bronchial Tablets
Pine Compound Tablets
Formalin and Mint Tablets
Bismuth and Magnesia Tablets

EMULSIONS **Cod Liver Oil Emulsion,** packed and in bulk. Prepared from Norwegian Oil by the most up-to-date process.

Petroleum Emulsion, packed and in bulk.

SYRUPS . . . We specialise in all classes of Medicinal Syrups. Our Syrup Ferri Phosph. Co., Syrup Hypo. Co., &c., are unrivalled for brilliancy, taste & keeping properties.

"NIOBE" . . "Niobe" Specialities are now in great demand. All products are guaranteed and profitable to handle. **No. 118 Eau de Cologne** is unique and requires no advertisement.

Wholesale Chemists, Druggists and Drug Grinders,

Cornbrook Works, Chorlton Road, MANCHESTER.

Gelatines

Fine Leaf Gelatine,
Pure Calf.

"Albion" Brand

(In 1-lb. Packets, 112 × 1-lb. to Case.)

Made in England.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on Application.

OURY, MILLAR & Co.

9 Mincing Lane,
London, E.C. 3.

Telegrams:
"Olmenth London."

Telephone:
Avenue 4978

Genuine Russian **LIQUID PARAFFIN**
All gravities, correct viscosities

"Jasmine Brand" **ADEPS LANÆ** Superfine Anhydr. and Hydrous
Lanoline

"Jasmine Brand" **PETROLEUM JELLIES**
White and Yellow

B.P. 1914

Finest Qualities

Competitive Prices.

"Jasmine Brand" **WHITE OILS** **Chem. Pure, Water-white, Tasteless, Odourless**
FOR MANUFACTURING PURPOSES

ALSO TRANSFORMER & INSULATING OILS.

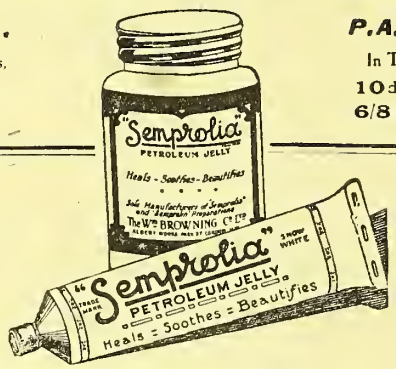
The PURE RUSSIAN LIQUID PARAFFIN CO., Ltd.

3 St. Helen's Place, LONDON, E.C. 3.

Actual Refiners and Manufacturers at their Works near London.

P.A.T.A.
In 2-oz. Jars,
1/- each
8/- doz.

P.A.T.A.
In Tubes,
10d. each
6/8 doz.



The 50% Profit Line

Now being advertised in the "Daily Mail," "Daily Mirror," and also various magazines and weeklies.

"SNOW-WHITE **Semprolia**" **PETROLEUM JELLY**

Showcards, Booklets, etc., Free on Request

The Wm. BROWNING Co., Ltd., Albert Works, N.W. 1

TECHNICAL AND MEDICINAL WHITE OILS.
PETROLEUM JELLIES.
PARAFFIN WAXES.
NEUTRAL OILS.
Debloomed and Undebloomed.
PALE & RED LUBRICATING OILS.
CYLINDER OILS.

W. J. SMITH, *SOLE EUROPEAN REPRESENTATIVE,*
THE JAMES B. BERRY'S SONS CO. Inc.
110 Cannon Street, London, E.C. 4.

TO ADVERTISE
YOUR CORN REMEDY.

Use this block in your advertisement and you will attract more buyers for your preparation
Similar **Business Bringing Blocks** can be supplied to help the sale of your Remedies, Toilet Preparations, Photographic and Optical Goods.
If you have something worth advertising, send a few particulars and suitable illustrations will be submitted for your approval.



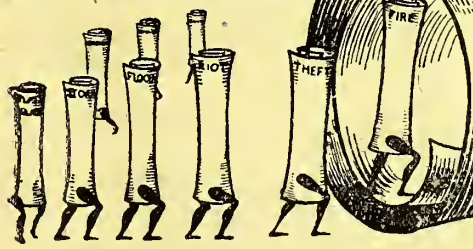
Be the first in your town to apply.

Chemists' Design Service,
12 Humberstone Gate - LEICESTER.

R 344. 4/-

Have all your Policies in ONE

POOL POLICY



The
POOL COMPREHENSIVE SHOPKEEPERS' POLICY
COVERS ALL RISKS

The Licences & General Insurance Co Ltd
Victoria Embankment
Next Temple Stn W.C.2
FUNDS EXCEED £500,000. FOUNDED 1890

RISKS COVERED
Fire, Burglary, Workmen's Compensation, Plate Glass, Public liability, Third Party Drivers, Loss of Profits, Loss of Rent, Riot & Civil Commotion, Bursting Waterpipes, Storm, Flood & Tempest.
ANNUAL BONUSES

WE SOLICIT YOUR ENQUIRIES FOR:—

OLIVE OILS, finest cream edible, B.P.
SALAD OILS
PETROLEUM JELLY, B.P., White and Yellow
TURPENTINE, American Spirits and Substitutes
CASTOR OILS, all grades
COLZA OIL, finest and burning qualities
ROSIN, all grades
LINSEED OILS, Raw and Boiled
MINERAL OILS, Bloomless "Lux" Brands
WHITE OILS, Slab and Commercial
LUBRICATING OILS of all descriptions

JAMES ARNOTT & SONS, Ltd., Newcastle-on-Tyne and Cardiff.
Registered Offices: 47 PILGRIM STREET, NEWCASTLE-ON-TYNE.

Francis F. Fox & Co. : Bristol

OILS
METHYLATED SPIRIT
CHEMICALS
DRYSALTERY

PRICES ON APPLICATION.

TELEGRAMS—
"FOX BRISTOL."

TELEPHONE—
19 BRISTOL.

WOOL GREASE
ALL GRADES

K. MALMBERG,
110 Cannon Street,
LONDON, E.C.4.
AND AT NEW YORK.

Telegraphic Address :
" Obtempero, Cannon, London "

Telephone No. :
City 6321.

We offer
WAXES
PETRO. JELLY
LIQUID PARAFFIN B.P.
WHITE OILS

Send us your inquiries.

J. J. FRANSES & SONS,
LIMITED,
80a Southwark St., LONDON, S.E. 1.

Langley-Smith & Co.

Castor Oils, *Medicinal, Lubricating.*

Colza Oils, *Best Pure, Prepared.*

Linseed Oils,

Best Raw, Double Boiled. Refined.

MOTOR OILS

Turpentines,

Best Pure Spirits.

Substitutes,

Best Grades.

Samples and Prices on Application.

14-20 St. Mary Axe London, E.C. 3.

Telegrams—"Tallowdom London." Tel. No.—Avenue 3820.

RUBY YELLOW GREEN

BRILLIANTINE OILS

Any Quantity—from Stock.
Wholesale Only.

WM. BORTHWICK
1 and 2 Staniforth Place, HULL.

Telephone—Hull, Central 4054Y (Trunk only).

JONES'
non-curling
Gummed Paper for Labels.

Have you a WINE LICENCE?

If not, you should take steps to procure one, and we will pay the cost.

If you already have a licence we undertake to pay the annual charge.

Dr. HALE'S
VIN-SANGUIS
WINE FOR THE BLOOD

The only conditions are—

1. *That you agree to give full display to Dr. Hale's Vin-Sanguis in your premises all the year round.*
2. *That you give us an agreed initial order.*
3. *That you keep Dr. Hale's Vin-Sanguis always in stock.*

Advertising Matter and Doctors' Samples free.

Trans-Continental Agencies, Limited

Proprietors of Dr. Hale's Vin-Sanguis.

14 *Southampton Street, Strand, London, W.C.2.*

REDUCTION IN PRICE.

OSMOS

The Great British Aperient Water

Trade Terms, Now ... ... **22/-** per dozen bottles, Carriage Paid

Retail Price, Now ... ... **2/6** per bottle (P.A.T.A.)

OSMOS, Crown Wharf, Hayes, Middlesex.

SEASONABLE LINES

BEEF & MALT WINE

(Wine Licence required)

Prices: **Small Size** (12 to Gallon) **29/6** doz.
Large Size (6 to Gallon) **44/6** doz.

BEEF & MALT WINE

WITH QUININE

(Can be sold by Chemists without Licence)

Prices: **Small Size** (12 to Gallon) **31/6** doz.
Large Size (6 to Gallon) **48/6** doz.

We import the Wine specially for the manufacture of this Beef and Malt Wine, and offer a sound and well-flavoured product at the cheapest possible price consistent with the excellent quality.

We have a variety of labels, and would be pleased to submit same to you for your selection, together with a sample of the Wine.

C. R. HARKER, STAGG & MORGAN, LTD.

DEVON WHARF and BELL WHARF,
EMMOTT STREET, MILE END, LONDON, E. 1.

Maltine

REGD. TRADE MARK

SPECIALITIES

THE MALTINE CO., LTD., has contracted for Maltine Advertisements to appear every week throughout January and February, 1921, in *Daily Mail, Daily Mirror, Daily Chronicle, News of the World, Sunday Chronicle, Lloyd's Sunday News, etc. etc.*, which have a circulation of over 15,000,000 copies per week.

Maltine Specialities show a 25% discount P.A.T.A.

Supplies can be obtained from all the Wholesalers.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C. 3.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.

FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY Co. Ltd.

The Largest Makers in the United Kingdom

BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St, Liverpool.

ATKINSON & BARKER'S

INFANTS' PRESERVATIVE

THE BEST AND SAFEST INFANTS' MEDICINE OF OVER 120 YEARS' STANDING.

Prices and Terms on application to R. BARKER & SON, Ltd.
13 Wesley St., C.-on-M., MANCHESTER.

DOES NOT CONTAIN any SCHEDULED POISON.

MALT EXTRACT AND



MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

Telephones: Nitshill—Pollokshaws 14 London—Avenue 5661 (3 lines).

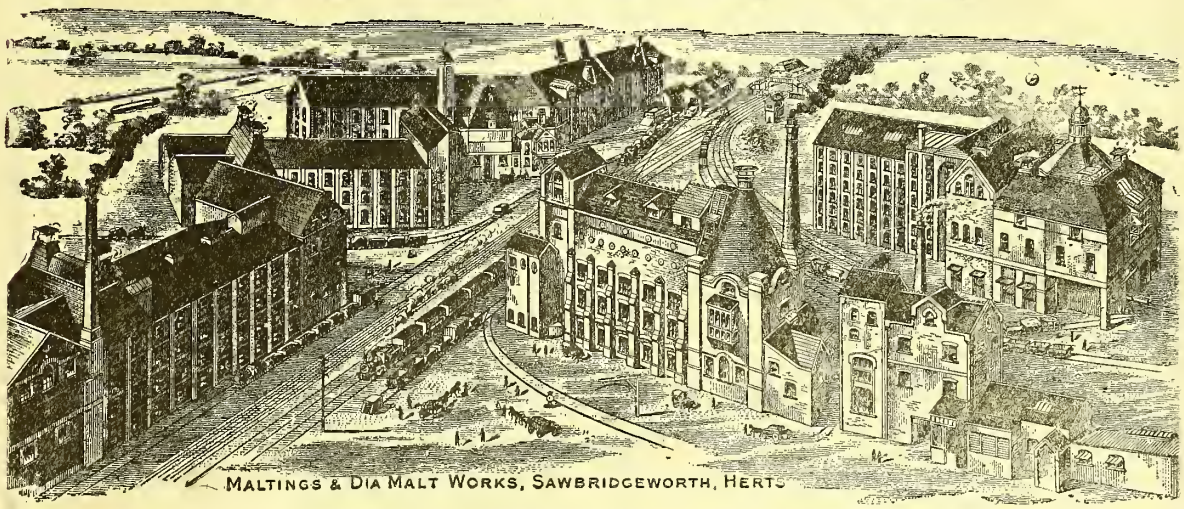
PERRY & HOPE, Ltd.

Telegrams: "Perryope, Nitshill." "Perryope, Led, London."

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.

MANUFACTURERS OF MALT EXTRACT AND COD LIVER OIL.



MALTINGS & DIA MALT WORKS, SAWBRIDGEWORTH, HERTS

Chemists' own Name and Address printed on Labels.

H. A. & D. TAYLOR, LIMITED

HIGH-CLASS MALT EXTRACT MANU ACTURERS.

Head Office: SAWBRIDGEWORTH, HERTS.

Maltings at Sawbridgeworth, Bishops Stortford, Bury St. Edmunds, Newmarket, & Newark-on-Trent.

Northern Agency: J. B. CROSSLEY, Arcade Buildings, 85 Lord Street, Liverpool.

ACETIC ACID

Made in Canada. Highest Quality.

SHAWINIGAN

GLACIAL - 98/100%
80% pure edible

GLACIAL PURE 99/100%
80% technical

Rates quoted to any port in the world by Shawinigan Ltd., 1 Tudor Street, E.C.4, Suppliers of Calcium Carbide for Cutting, Welding, etc.

Telephone: City 3331

For supplies of Acetic Acid in the United Kingdom, write to the distributors—

A. Boake, Roberts & Co., Ltd.
STRATFORD

Stocks held in London and Liverpool

Vinum Xericum

BUTTS.	HOGSHEADS.	QR. CASKS.
108 galls.	54 galls.	27 galls.

STRENGTH 17°

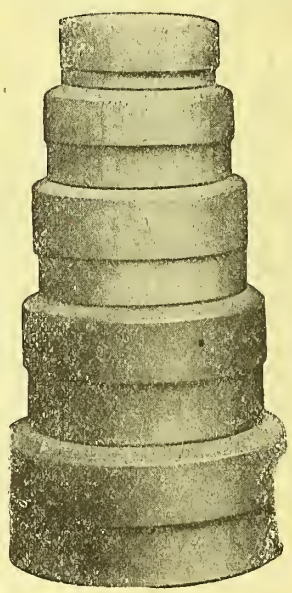
James V. Oldham
19 St. Dunstan's Hill, London, E.C.3.
Telephone: Avenue 3013.

VITMAR

The Medical Profession are recommending VITMAR for delicate Children and Invalids.
If you do not yet stock it your wholesaler will supply you.

Manufacturers—
CALLARD & CO., Food Specialists,
74 Regent Street, LONDON, W.1.

"Corruganza" SEAMLESS Ointment Boxes



- Have replaced the old willow boxes.
- The bottoms cannot fall out.
- Greaseproof.
- Wholesale or Export only from

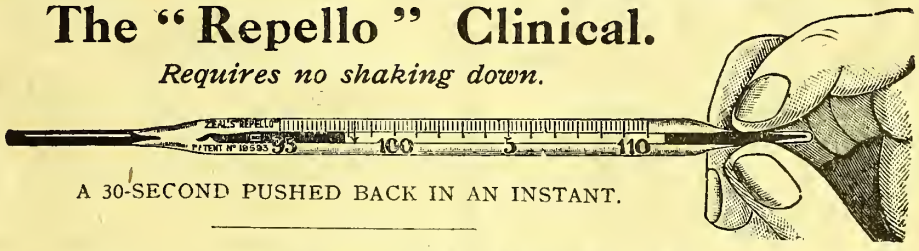
HUGH STEVENSON & SONS, LIMITED
Summerstown Works,
LONDON - S.W.17.
And at Manchester, Birmingham, Leith, Perth, & Glasgow.

Manufacturers of all kinds of Cardboard Boxes, Folding Packets, Tubes and Canisters, Fibre-Board Packing Cases, Corrugated Paper, &c.

ZEAL'S Thermometers

The "Repello" Clinical.

Requires no shaking down.



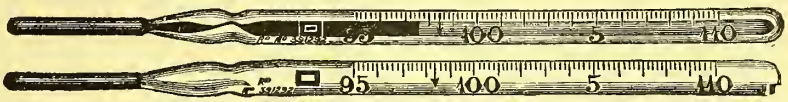
A 30-SECOND PUSHED BACK IN AN INSTANT.

New Improved Lens Finder.

The only Easy Reading Magnifying Clinical on the Market.

IN FOCUS.

OUT OF FOCUS.



The square mark engraved on Lens Front locates the mercury column immediately.

SPECIAL AWARD & GOLD MEDAL, NEW ZEALAND, 1907. SILVER MEDAL, INDIA, 1909. SILVER MEDAL, LONDON, 1913.

All Clinical Thermometers are N.P.L. tested.

Registered Trade Mark

Telegrams: "ZEALDOM, SMITH, LONDON."
Telephone No.: CENTRAL. 12438.

G. H. ZEAL, Wholesale Manufacturer of Clinical Thermometers. Estd. 1888.
82 TURNMILL ST., LONDON, E.C. 1

TOMPKINS' CORNER.

REDUCTION IN PRICES

OUR OFFER THIS WEEK.

		Yard	Wide
BED-SHEETING—	Stout double faced	4/-	36 in.
	Batiste Sheeting...	4/-	



CLINICAL THERMOMETERS—
Government Tested and Stamped. Best British Make. Each in metal case.

	2 min.	60 secs.	30 secs.
Ordinary Round	24/6	26/-	28/- dozen
Mag or Lens Front	28/-	29/6	32/- ,,

JACONETTE SHEETING—
White or Pink. 3/6 yard. Width 42/44 inches

OILED SILK—Yellow. Approx. 33" wide, 3/9 yard
Green. ,, 36" ,, 4/6 ,,
7½d. Boxes—Green Oiled Silk, 4/6 dozen.

		Doz.	Gross
TEATS—Transparent Conical	For boat-shape Feeders	1/6	16/6
VALVES ,, ,,		1/	11/-

And All Kinds of Surgica Rubber Goods.

JAMES TOMPKINS, LTD.
The Rubber House,
386 CITY ROAD, LONDON, E.C. 1.
All-British. ESTABLISHED 44 YEARS. Phone—City 7640.

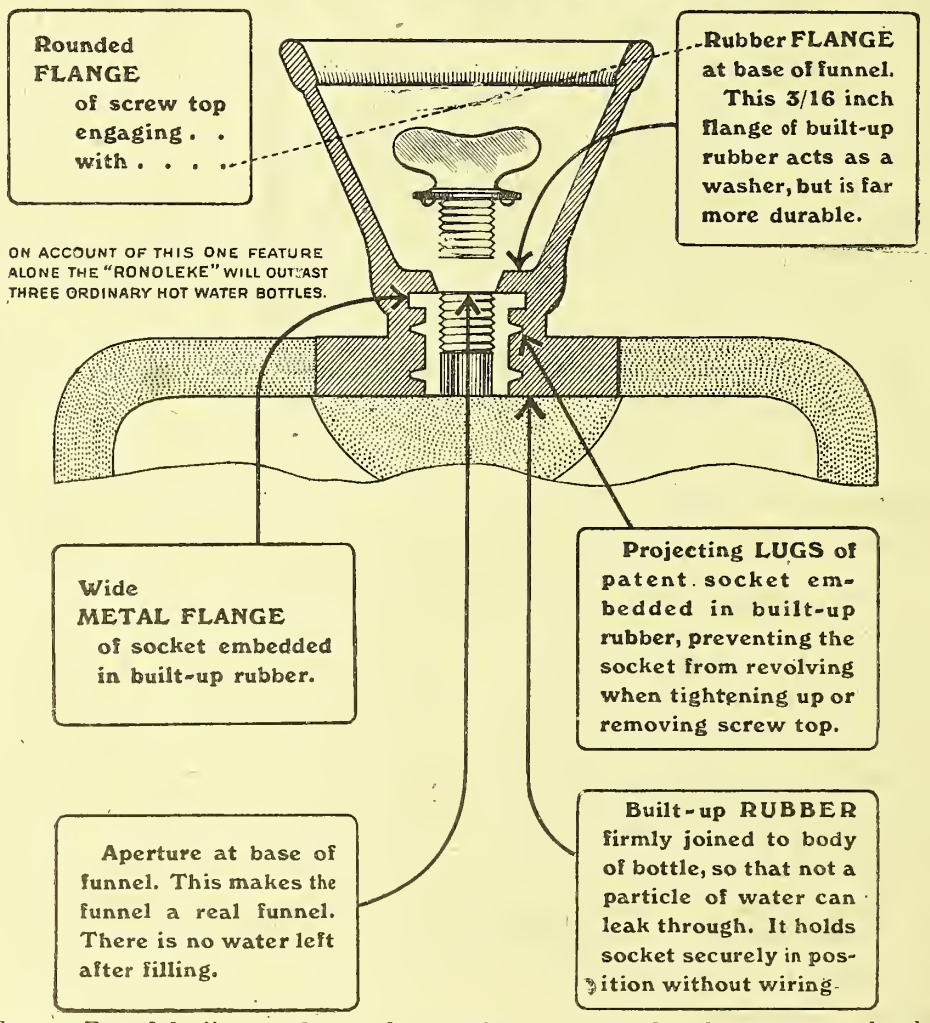
"Mayfair" Straw Hat DYES.

Mayfair Chemical Co.,
11 Queen Victoria Street,
LONDON, E.C.4.

Tel. No.: CITY 3373.
Tel. Add.: "AGENDA, CANNON, LONDON."

WHY THE "Ronoleke" R.E.G.D. Hot Water Bottle WILL NOT LEAK

A STUDY OF THE DIAGRAM WILL SHOW YOU THE ADVANTAGES GAINED.



The "Ronoleke" is the only perfect watertight hot water bottle.
Sold by all leading Druggists' Sundriesmen.

[1]

The Best & Biggest Christmas Plum

is the RELIANCE *Seamless Moulded*

HOT WATER BOTTLE

THE MOST BEAUTIFUL XMAS GIFT THAT ALL YOUR CUSTOMERS WILL BUY

Three-quart capacity.



MOULDED FROM ONE WHOLE PIECE OF MAROON-RED RUBBER. SOFT, SATIN, SEAMLESS FINISH.

RETAIL PRICES:

Reliance de Luxe, 11/6. Reliance Standard, 9/6

Reliance Baby de Luxe (Ladies' Muff Warmer) - - 5/-

Less a Generous Trade Discount to you.

Now, at the eve of the festive season, the eyes of every passer-by are scanning your windows—searching them for help and inspiration in choosing Christmas presents. Link up with the quest, and bring each and every seeker into ***your*** shop by exhibiting the newly designed coloured Showcard issued with Reliance Bottle orders. Display with it the Reliance de Luxe, Reliance Seamless Moulded, and Reliance Baby de Luxe Bottles, and the happy, profitable results will show on your cash register at once. ***Keep the Christmas Trade in your shop by ordering Reliance Bottles for all your customers now.***

RELIANCE RUBBER COMPANY Ltd.

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Telephone : CITY 2391 (two lines). *Telegrams : "DOORSTOP. CENT, LONDON."*

The Quickest Selling Line

"SANITARY HEALTHBELT" FOR WOMEN

TRADE MARK

Patents applied for in all Countries

British Manufacture

Made in Three Sizes

A GREAT INVENTION FOR WOMEN'S COMFORT

NO bonus schemes are required with this fine line. Every woman customer that enters your shop is needing one of these "Healthbelts." They will know from our advertising how the "Healthbelt" adds to comfort.

CALCULATE the number of Ladies that enter your shop week by week and you will see at once that you can safely order a full stock straightaway. The restricted selling price is 3/6 and the margin of profit very good.

Secure the Trade in your neighbourhood by being first to stock "Healthbelts"

THE PATENT HEALTHBELT CO., 12 & 13 Bouverie St., London, E.C.4.
(H. RAPHAEL)

NOTICE TO THE TRADE!

Telegrams: "Kinvarage, Westcent, London."
Telephone: Museum 864.

The Directors of the

BRITISH "ANTAPSAL" Co. Ltd.



Beg to announce that during the past few weeks their Company has undergone reconstruction, and that they have taken New Premises at 38 Great Ormond Street, London, W.C. 1, to which all future orders and communications should be addressed.

The "ANTAPSAL" NASAL APPLIANCE (invisible when worn) is patented in Great Britain and abroad. It is a transparent, self-acting, continuous and curative Inhaler, which rests with feather lightness quite naturally *inside the nostrils*, and may be worn with complete comfort and without attracting attention in the street, at work or asleep, and charges every breath with a soothing health-restoring medicament. Quickly clears nose, throat and chest, relieving stuffed nostrils and hard breathing. Can be applied easily or removed in a moment, and carried in a waistcoat pocket ready for use. A simple, harmless, pleasant and effective scientific remedy; everywhere approved by medical men, the nobility, clergy, and others who have tried it.



SPECIAL OFFER TO CHEMISTS. 13 Boxes "Antapsal" 60/- net
CASH WITH ORDER.



"It's in my nose—you can't see it—I can't feel it—only its wonderful effects."

"CATARONOL" OUTFIT

for Colds, Catarrh, Bronchitis, Stuffed Nostrils, Loss of Hearing, Hay Fever, Adenoids, Headache, Sore Throat, etc. etc.

"ASBRONATOL" OUTFIT

for Chronic Bronchitis and Asthma.

TRADE DISCOUNT **20%**

The Appliance is in use in the leading Hospitals. Numerous testimonials have been received from eminent users.

Press Advertising commences shortly, and all Chemists, Departmental Stores, etc. should obtain stock in readiness

Those who are willing to make a special Window Display should communicate with the company at once. Special terms allowed.

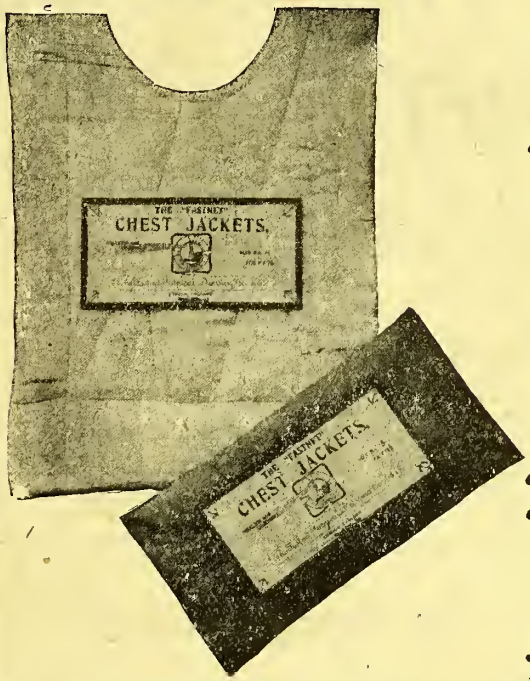
RETAIL PRICE: **6/6**

RETAIL PRICE: **6/6**

NOTICE TO OVERSEAS TRADERS.—The patent rights for the "ANTAPSAL" APPLIANCE in the following countries are for sale, and all inquiries respecting same should be addressed to The Managing Director, The British Antapsal Co., Ltd., 38 Great Ormond Street, London, W.C.1.: Australia, Austria, Belgium, Canada, Cape Colony, Denmark, France, Germany, Hungary, India, Italy, Norway, Portugal, Russia, Spain, Sweden, Switzerland and United States of America.

BRITISH ANTAPSAL Co. Ltd., 38 Great Ormond St., LONDON, W.C.1.

WINTER IS HERE



"FASTNET" CHEST JACKET.

Colds and Chills are Prevalent.

BE PREPARED!

And get a stock of

"Fastnet" Chest Jackets

Size No. 1	...	8½″	×	7″	... 22/–	dozen
,, 2	...	10″	×	8½″	... 24/–	,,
,, 3	...	12″	×	9½″	... 26/–	,,
,, 4	...	13″	×	10½″	... 28/–	,,
,, 5	...	14¾″	×	12″	... 31/–	,,
,, 6	...	16″	×	15″	... 34/–	,,
,, 7	...	18″	×	16½″	... 37/–	,,
,, 8	...	20″	×	17½″	... 40/–	,,

Similar lines: **Nos.**

"Fastnet" Anti-Chill Vests, Sizes 3-7

"Fastnet" Body Belts - ,, 1-4

Manufactured by the "Fastnet" Surgical Dressing Co., Ltd.

Sole Agents—

JOHN TIMPSON & CO., LTD.

104/106 Golden Lane - London, E.C.1.

"NORVIC" CRÉPE BANDAGE

(REGD)



SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages, containing wool will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

"As fit as a fiddle."

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S SILK MILLS), **Norwich, Eng.**

Provincial Selling Agents, **Freese & Moon, Ltd.**, 59 Bermondsey Street, London, S.E.1

London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 17 Wool Exchange, E.C.2.

MERCERISED CORDS

FOR TYING - UP PERFUMERY, &c.

CORDS FOR SPONGE BAGS

CORDS FOR SOOTHERS

MEDICAL TWINES

ALL SIZES AND COLOURS IN STOCK

The Albion S.C. Co., Ltd. FAWLEY MILLS, TOTTENHAM, **London, N.17**

PHONE—2121 TOTTENHAM. TELEGRAMS—"ENCAGED, PHONE, LONDON."



Careful Mothers insist on the NESTLÉ FEEDER

The superiority of the Nestlé Feeding Bottle is so obvious that doctors are advising it, nurses are recommending it and mothers insist on having it. Nothing is good enough for their little ones but a bottle which is perfect in hygienic construction; which cannot possibly harbour dirt or disease germs and which ensures that the food is taken without undue effort or excessive air.

Nestlé's Feeding Bottle is constructed throughout on scientific principles, it is impossible for the child to detach the teat and rubber valve which automatically cling and are made from pure plantation rubber. Colic is prevented because the flow of air behind the milk is systematically regulated. The feeder, made of virgin glass, can be tilted to and will remain at any desired angle. Its capacity is 10-oz., and every part, including the box, is thoroughly steril zed before leaving the factory.

NESTLÉ Feeding Bottle

the Cheapest full-sized Feeding Bottle on the Market.

Easy to sell; brings good profit and rapid turnover. Write to-day for full details and current trade price list.

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RENÉ HEYMANS

9/10 DOMINGO STREET
Tel.: City 3765. 36 OLD ST., E.C.1

Vulcanite DOUCHE FITTINGS
„ Spare Parts
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BONE SHIELDS
BONE MOUNTS
BONE RINGS
French Capping Skins (opaque and transparent)
TOOTH COMBS
(Best Galalit)
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Cheap lines in NAIL FILES (bone and steel) carded
SAFETY RAZORS and spare blades.
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NAIL CLIPPERS.
TOOTH BRUSHES
at low prices.
And all kinds of Surgical and Hygienic Rubber Goods.

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RIGOLLOT'S MUSTARD LEAVES

FOR PLASTERS.
THE ORIGINAL.
THE **ONLY** GENUINE.

7d., 1/- & 1/7 Packets
5/3, 9/-, 14/3 per Doz.

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GOOD SELLING LINES, GOOD PROFITS, AND ABSOLUTE SAFETY IN STOCKING
"HOBSON'S CHOICE"
FEET PLAISTERS AND POWDERS
STOCK IS RETURNABLE AT ANY TIME, FOR ANY REASON, AND FULL PRICE REPAID.
For Prices and Samples apply to
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Phone: CLERKENWELL 1588. Wires: "ETNOCEL, AVE, LONDON."
5



VINCENT WOOD'S
(GOLD MEDAL, GUARANTEED)
Hot Water Bottles
8/- lb. 12×8 weighs under 13 oz.
Covers for same, assorted sizes, 24/- doz.
BELTS TRUSSES
SUSPENSORIES
& Surgical Appliances
AT LOWEST CURRENT RATES
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BEST ENGLISH MAKE
SEA-TANGLE TENTS
(Laminaria Digitata)
For dilating the OS and CERVIX UTERI.
Quotations wanted for
SEA WEED RODS
per ton.
Manufacturer: E. BRASSE,
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[2]

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You know the need for a reliable corn cure—you can *guarantee*

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OAK LEAF CORN CURE

The safe, speedy, and certain corn remover. Its components are a Salicylic and Extract of Indian Hemp Silk of double strength — and it has earned a big reputation over a wide area.

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1 gross @ 3/6 per doz. 1 gross 42/-
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10% ,, 50 ,, ,,
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Albion House,
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Manufactured by Violiv Manufacturing Co. Ltd., Edinburgh.
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BRIGHT & DRY!

SUTCLIFFE
Bottle-Drying Machine

delivers a supply of bottles clean, bright and dry, just as required.

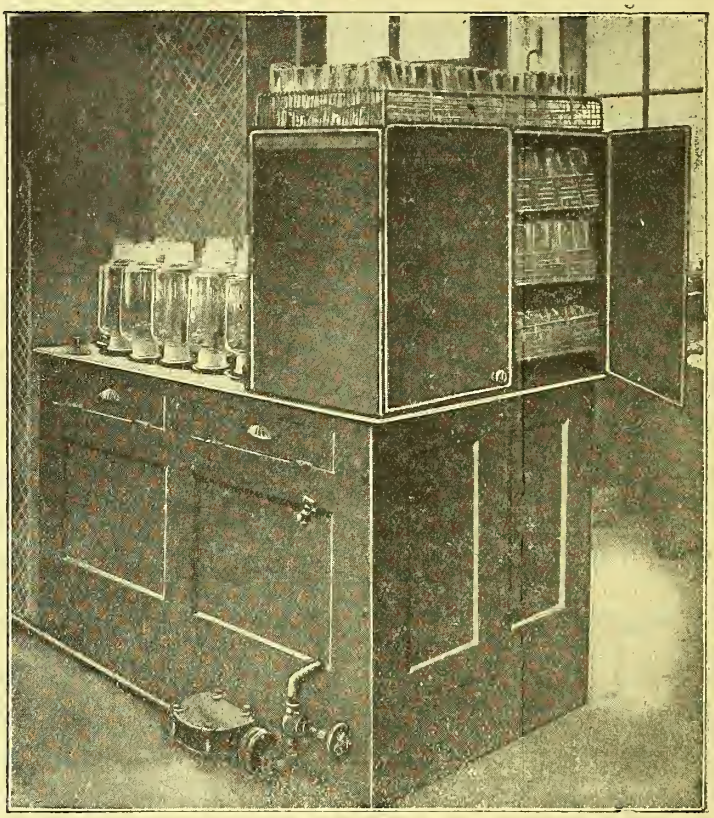
DRYER can be designed to take any quantity and size of bottles.

NO STACKING.
NO DUSTING BEFORE USE.
NO WASTED SPACE.

ILLUSTRATED BOOKLET SENT FREE ON REQUEST.

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INCREASE YOUR OUTPUT AND SAVE LABOUR
BY USING THE
"CENTRAC"
FILLING MACHINES



The Best and Cheapest Machines on the Market.

For TUBES, POTS, JARS and BOTTLES

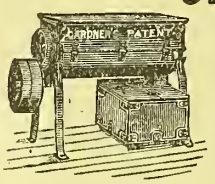
Used by all Leading Firms.

Send us your requirements.

Bottle-Filling Machine

Sole Makers—
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ENGINEERS,
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GARDNER'S PATENT
"RAPID" SIFTERS & MIXERS

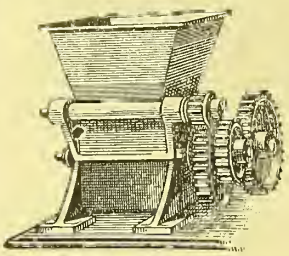


OVER 6,000 working in almost every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust.

FOR HAND OR POWER.

CATALOGUES FREE.

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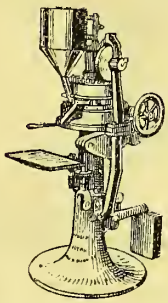
THE
GRIMSLEY MIXER
for Pill Ingredients

HAND OR POWER.
EARLY DELIVERY.

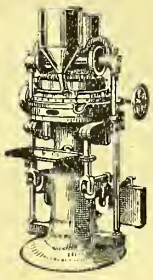
GRIMSLEY & CO., LEICESTER, LTD.
St. George's Engineering Works - Queen Street, LEICESTER. (1)

TABLET MACHINES

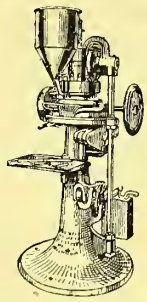
Purchasing machine y at random is a game of chance. Purchasing Stokes Machines eliminates future anxiety. Let us help you to solve the problem of rising costs with the aid of Pharmaceutical Machinery.



"B" ROTARY.
Fitted with 16 dies and 32 punches up to ⅞" diameter. Output 400-500 per minute. Silent, economical and efficient. Floor space 28" × 38"



"B.B." ROTARY.
Output 1,000-1,200 per minute. Suitable for work up to ½" diameter. Punches are interchangeable with the "B" Rotary Machine. Floor space 37" × 42"



"D" ROTARY.
For heavy work up to ⅞" diameter. Designed for tablets that require great pressure. Adjustments for weight and pressure can be made while the machine is working.

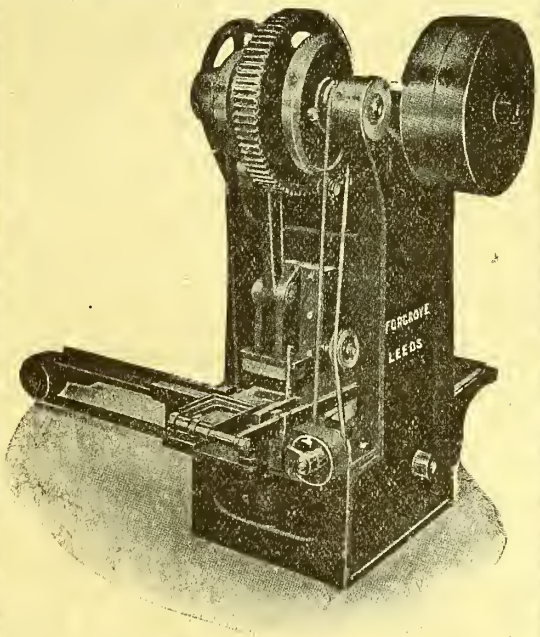
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THOMPSON & CAPPER, LTD.

(Sole Agents for F. J. STOKES MACHINE CO.)

Head Office: Manesty Buildings, College Lane, Liverpool. Works: Binns Road, Liverpool.

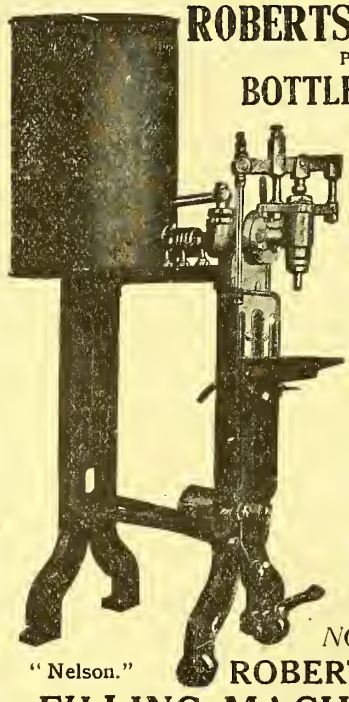
Telephone: Royal 2060. Telegrams and Cables: "Sanitas" Liverpool."



SOAP STAMPING MACHINES.

Output, 50 pieces per minute.

THE FORGROVE MACHINERY CO., LTD.
DEWSBURY ROAD, LEEDS.



ROBERTS' ORIGINAL PATENT BOTTLE-FILLING MACHINES

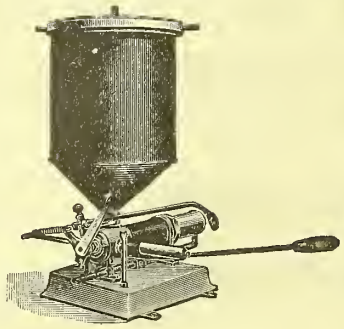
Don't waste money on imitations, buy **Roberts' Machines** which actually **Created the Records** for **CLEANLINESS SIMPLICITY and Rapidity in Bottle Filling.**

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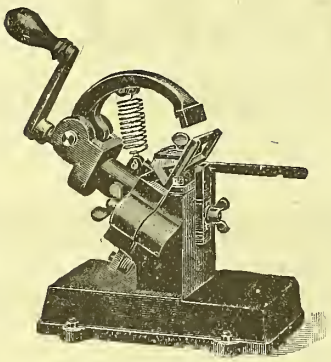
"Nelson." ROBERTS' PATENT
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OUR LATEST PATENT "ALPHA," PRICE £14, WILL FILL 10 GROSS BOTTLES PER HOUR.

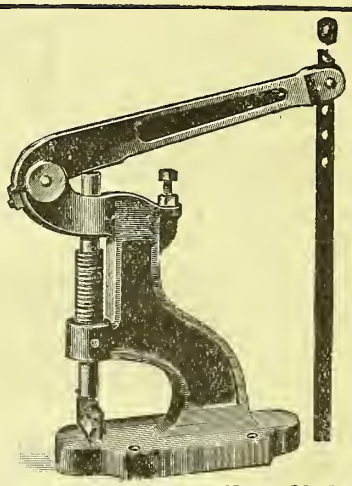
Write for Particulars. *All rights reserved.*



MACHINE for FILLING COLLAPSIBLE TUBES. From 1 to 10 gallons CAPACITY. Output 30 to 40 gross tubes per day.



MACHINE FOR CLOSING AND FOLDING COLLAPSIBLE TUBES. Suitable for all sizes of tubes. ⅜" to 1½" dia.



MACHINE FOR FIXING CLIPS to ends of collapsible tubes.

Can be seen in operation at—

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MANUFACTURERS of Collapsible Tubes in LEAD, TIN-COATED and PURE TIN. SPRINKLERS for PERFUMES, BRILLIANTINE, CREAM, &c. SCREW-CAPS for JARS, &c., in WHITE or LACQUERED TINPLATE, NICKELLED ZINC, ALUMINIUM, &c. SHAVING-STICK CASES, LIP SALVE TUBES, &c. &c.

BOTTLES.

I can supply BRILLIANTINES, LIMES, OVALS, VIALS, CANNONS, KALIS, SCREW JARS, MEDICAL FLATS, SAUCE BOTTLES, &c. &c. Wholesale quantities only. Your inquiries solicited.

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TINS

The NORTH LONDON TINWARE Co., Ltd.

Crondall Street, Hoxton, LONDON, N.1

Manufacturers of

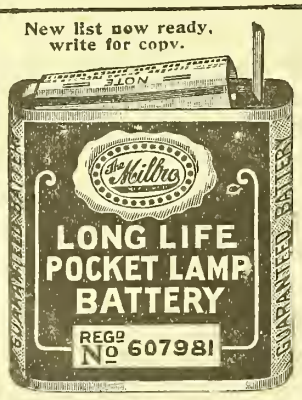
TIN BOXES and CANISTERS *FOR INFANTS' FOOD, PETROLEUM JELLY, AND OTHER ARTICLES.*

Round and Square TIN BOTTLES, PLASTER CASES, &c.

Cardboard Boxes and Composite Containers.

Telephone : 2466 Central.

New list now ready, write for copy.



BATTERIES

Buy only those with a reputation for

1—LONG LIFE. 2—RECUPERATIVE QUALITIES. 3—GUARANTEE.

All Batteries bearing this Label can be absolutely relied on.

No. 3 guaranteed 3 months
No. 4 ,, 4 ,,
No. 6 ,, 6 ,,

Packed in cardboard outers containing 3 dozen Batteries.

14 different patterns in Pocket Lamp cases in stock. Write for prices and sample collection.

MILLARD BROS. LTD., 123 Houndsditch, London, E.C.

Telegrams: "Sourcrout, Ald, London." Telephone: Avenue 3737.

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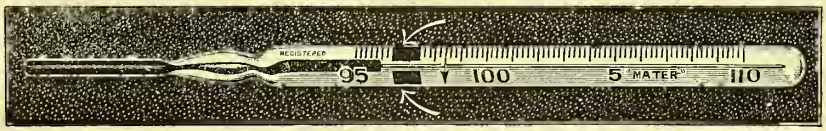


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GUARANTEED CLINICAL THERMOMETERS

The "MATER" Improved Magnifying-front Clinical Thermometer.

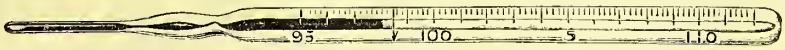
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MERCURY COLUMN SEEN AT A GLANCE.
Made in Three Rapidities: Ordinary, 1 Minute & ½ Minute.

X **The "MATER" Clinical Thermometer offers the Pharmacist the largest margin of Profit as Retail Prices are fixed by the** X

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FULL CATALOGUE of CLINICAL (39 different types) and of THERMOMETERS for all purposes sent FREE on application.

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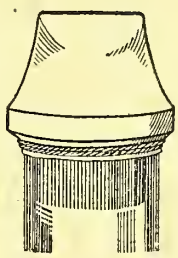
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Telegrams: "Optimus, Smith, London."



NOTE.—No smells, fumes or benzine-fire risks with this Capping.

Immediate Delivery

GATES' BOTTLE CAPPING SKINS



SNOW-WHITE OPAQUE ROLLED SKINS

These Skins are damp and READY FOR USE. They are used by all the leading Perfumery and Drug Houses. ABSOLUTELY AS OPAQUE AS SPLIT SKINS and equal in appearance.

Also

WHITE, OPAQUE & TRANSPARENT BAUDRUCHE

"Sole Pioneer" and only English Manufacturer



Gold-Beaters' Skin

LESLIE GATES

HAILSHAM, SUSSEX
Telephones, 53 and 3.

Another New Speciality.—Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.

WHOLESALE ONLY

We Specialise in the Manufacture of

GLASS STOPPERED BOTTLES

for

Perfumes, Chemicals, Spirits, etc.

Stoppering Guaranteed. Prompt Delivery.

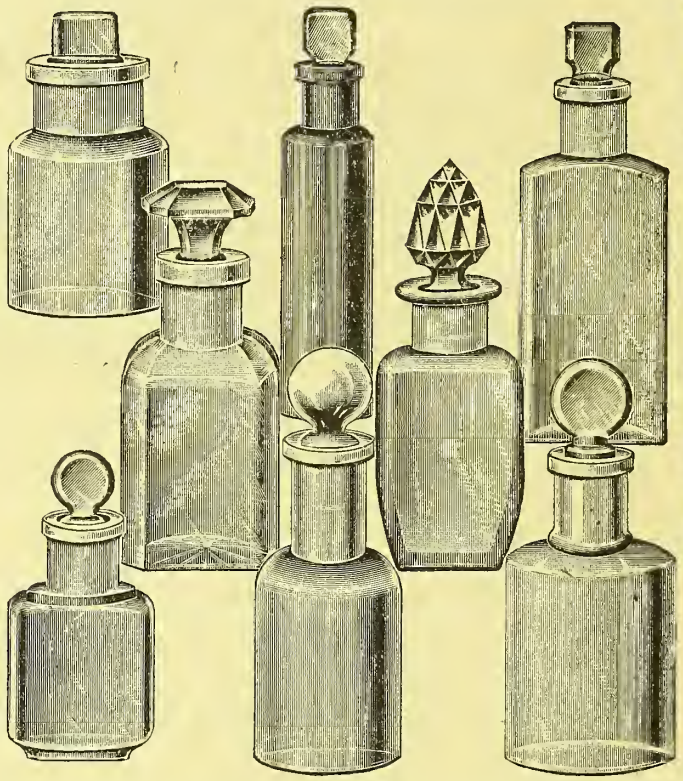
MOULDS for Special Shapes made at these Works.

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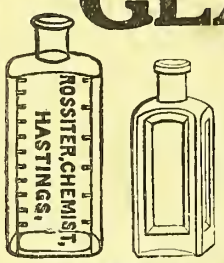
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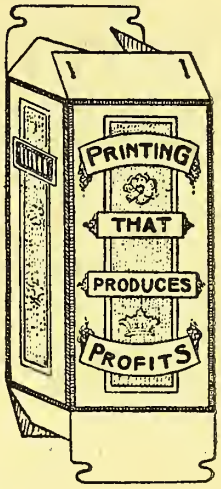


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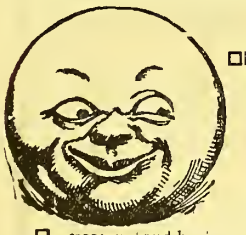
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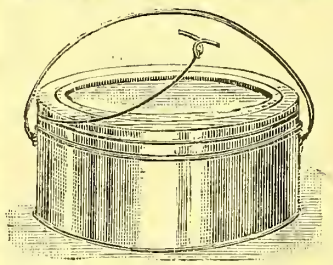
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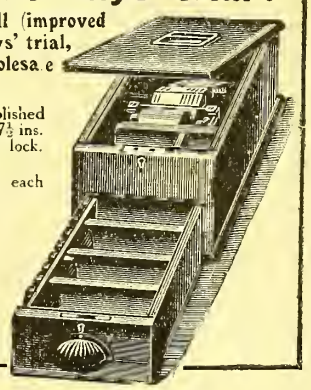
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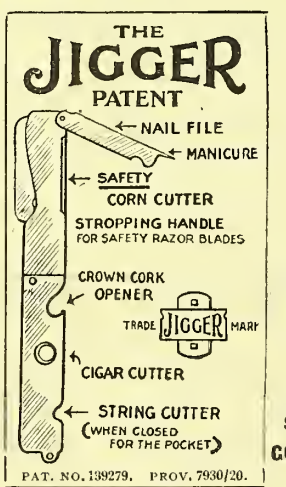


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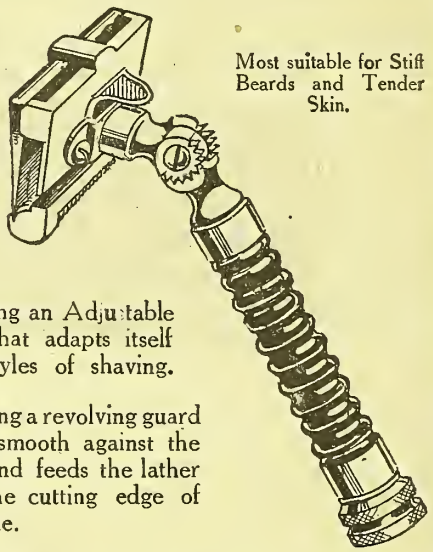
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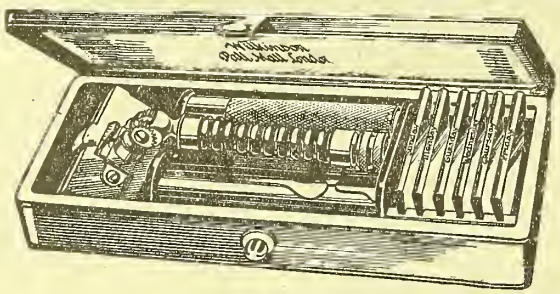
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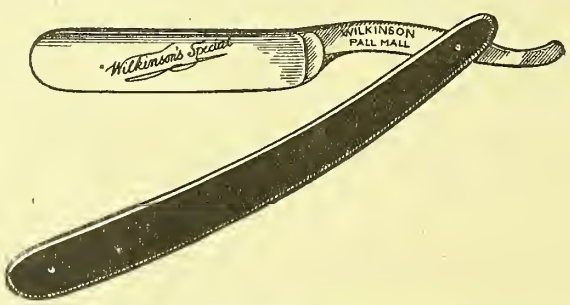
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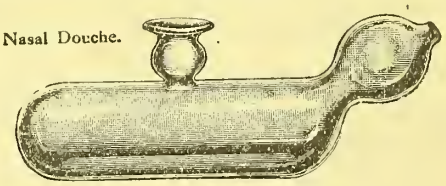
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(1063)

THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST. LONDON, E.C.4.

DECEMBER 18, 1920

This Supplement is inserted in every copy of The Chemist & Druggist

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

EARLIER CLOSING FOR PRESS.

Will advertisers please note that until further notice it will be necessary that Advertisements intended for the Supplement must reach us not later than the FIRST POST THURSDAY MORNING.

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Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No: City 2283.

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2.—LONDON, W.—High-class, old-established Dispensing and Retail Business, situate in the midst of residential mansions; returns about £5,000; *profits above the average of Retail trade*; splendid, large shop, fitted throughout in best mahogany, and fully stocked; intending investors with £3,500 at command will be treated with.

3.—LONDON, S.W.—Ready-money Business, capitally situate in busy main thoroughfare and returning between £3,500 and £4,000 yearly; *net profit about* £1,000; everything open to investigation by a bona-fide inquirer.

4.—LONDON, W.—General Retail and Dispensing Business; returns, present rate, £2,000 per annum, at good prices; double-fronted shop; held on lease at a moderate rental; further details on application.

5.—LONDON, S.W.—Light Cash Retail Business; returns £40 weekly, *at excellent profits*; good working stock; lock-up shop; low rental; price about £1,400; part payment entertained.

6.—VICTORIA PARK.—Drug Store; returns between £900 and £1,000 per annum; *profit* £425; double-fronted shop; small house; moderate rental; price £400.

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11.—L. & N.W. Main Line.—General Retail and Wholesale, in small Packed Goods, doing the leading trade in the district; returns upwards of £10,000, with scope for development; commodious premises, used entirely for business purposes; rent £60; long lease; valuation terms entertained.

12.—MIDLANDS.—General Retail and Dispensing Business, capable of extension under modern management; returns, present rate, £3,000; *net profit about* £750; held on lease; moderate rent; price £2,500.

13.—HAMPSHIRE (Coast Town).—Ready-money Business, comprised largely of the sale of own Proprietaries; returns last year between £11,000 and £12,000, at good prices; further details will be furnished on application.

14.—EAST COAST.—General Retail and Dispensing Business; in present hands 25 years; returns between £2,000 and £3,000; *gross profit* 33⅓%; scope for considerable increase in the hands of a younger man; 7-roomed house, with bathroom, private entrance, and garden; further details on application.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co., desire to emphasize the necessity of a periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3

Telephone: 1809 CENTRAL.

SPECIAL NOTICE
to
INTENDING VENDORS.

MESSRS. BERDOE & FISH, having successfully disposed of all the Businesses placed in their hands, are now in urgent need of sound Businesses in all parts of the country, including London and suburbs, at prices ranging from £500 to £3,000.

We have the cash buyers waiting, and can guarantee quick sales with the utmost privacy. Correspondence cordially invited. Terms sent on application.

STOCKTAKING.

We are now open to book dates for February and early in March.

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We have CASH BUYERS for all Classes and Sizes of Business from £500 to £5,000 and upwards.

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Recommended by The British Drug Houses, Ltd., Messrs. Meggeson Ltd., Messrs. Barclay & Sons, Ltd., and many other leading Wholesale Houses. Valuers to the Association of Manufacturing Chemists.

MR. CHEMIST,
Do you know the value of your stock?

ALTERED VALUES of DRUGS, &c., make STOCK-TAKING A COMPULSORY but WISE MEASURE. FURTHERMORE, it must be priced WITH DUE REGARD TO PRESENT VALUES.

Before making arrangements, write me for estimates under my various schemes.

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1 price stocks after Chemist's own taking.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BOURNEMOUTH.—Old-established Dispensing Chemists, fine position, main road; excellent shop, with good living accommodation; takings about £4,000 yearly; rent £160; ingoing £3,000, including goodwill, fixtures, fittings, stock (£1,500), and book debts. Apply Hankinson & Son, The Square, Bournemouth.

DURHAM.—In an important shipbuilding town, well situated; Drug Store for Sale; double-fronted shop, with private house attached, containing 8 living-rooms and bathroom, scullery, etc., private entrance; well stocked and fitted; registered Toilet Preparation, Wine Licence; returns about £900 per annum, but offers excellent opportunity for extension under qualified management; immediate possession; property £1,250; stock and fixtures at valuation. Apply 208/10, Office of this Paper.

LONDON (near).—Good-class Business for Sale in New Year; returns over £4,000; excellent profits; long lease; low rent; about £2,500 required; active partner might be considered. Apply P.C.B. 44/35, Office of this Paper.

DRUG Store, double window, look-up shop; no opposition; Insurance work could be done; small price for quick sale. Apply 11/10F, Office of this Paper.

PARTNERSHIPS.

PHARMACEUTICAL Chemist desires Partnership (working) in good business; capital available; highest references. 221/35, Office of this Paper.

FINANCIAL.

£10,000 REQUIRED to expand old-established Proprietary Medicine Business, with large and increasing turnover; capital under own control, with remunerative position, or present interest can be purchased outright. Principals only, write, in confidence, to 214/27, Office of this Paper.

AGENCIES.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

AGENTS wanted with connection amongst Chemists, to introduce high-class lines of Concentrated Perfumes. Write Evans, 154 Church Lane, Harpurhey, Manchester.

AGENTS required in all towns in the United Kingdom for a well-known French Perfumery house; must have good connection with Stores, Chemists, etc. Apply 212/26, Office of this Paper.

PROPRIETOR small Wholesale Business, calling on Chemists, London and outside radius, wishes to offer goods of another firm on commission; large personal connection; over 20 years' standing H. Matthews, 27 Wi[illegible] Road, Acton, W.

TO LET.

TO Let, on lease, good House and modern up-to-date Shop; seaside; vacant possession. Write, Box 135, Willings, 125 Strand.

BUSINESSES WANTED.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

DRUG STORE wanted, London (with living accommodation); price up to £500 cash, or if higher balance by instalments; neglected Business considered, or purchase of suitable Premises with possession. Apply 209/4, Office of this Paper.

EX-OFFICER requires Pharmacy or Drug Store in or near Lancashire, immediately or for New Year; takings £30-£40 per week; living accommodation if possible. Apply 220/24, Office of this Paper.

RETAIL and Dispensing Business required with house attached; neglected one or branch not objected to, or good opening for nice class business. "Rhei," 2 Church Street, Romsey.

WANTED, in January, Drug or Mixed Business, or Chemist's Branch; suitable for unregistered man; price up to £300. Full particulars, in confidence, to Davies, 54 Park Lane, Leeds.

FOR SALE.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

FOR Sale, about 200 bottles Tabloids in 25s. and 100s.; Calomel, Codein Phosph., Codein Nux., Calomel Calc. Carb. Comp., Dover Pdr., Grey Pdr., Podophyllin, Pepsin Bismuth Charcoal, Morphin Sulph., etc.; 50 per cent. maker's list; water-soiled, contents intact; approval deposit system. Milligan, Chemist, 41 Coalville Gardens, W. 11.

4 LB. Camphor, ¼-oz. squares, 9s. 6d. lb.; 12 oz. Quinine Sulph. B.P., 3s. 10d. oz.; 2 lb. Ol. Caryoph. Ang., 15s. lb.; 8 oz. Ol. Amygd. Ess. S.A.P., 3s. oz.; would divide 30s. value, post free. J. Adamson, M.P.S., 47 Bedford Street, W.C. 2.

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BIRMINGHAM MUNICIPAL TECHNICAL SCHOOL.

Applications are invited for the post of Assistant Lecturer and Demonstrator in Pharmacy. The position is a whole-time appointment. Preference will be given to candidates possessing the Major qualification and some teaching experience. Full particulars and form of application (to be returned by 1st January) may be obtained from the Secretary, Municipal Technical School, Birmingham.

BRIGHTON.—Young, qualified, single Assistant wanted, at the end of the year, for high-class Retail and Dispensing business; good Dispensing experience an essential; please give all usual particulars in first letter, and enclose photograph. Parris & Greening, 105 Church Road, Hove.

BRISTOL.—Wanted, good Junior (male) for Light Retail and Dispensing; short hours; no Sunday or Bank Holiday duty. Apply, with full particulars, age, experience, references, salary required, with photo (if possible), to Dunford, 8 North Street, Bedminster, Bristol.

BRIXTON District, S.W.—Wanted, reliable, energetic Manager, qualified, experienced in Photography and Optics; high-class business; progressive salary on increased returns. Reply, in confidence, 6/50, Office of this Paper.

COVENTRY.—Manager wanted for Dispensing and Family business; must be well recommended. Apply, with full particulars in first letter, to Chas. H. Welton, 60 Smithford Street.

KENT (within easy reach of London).—Capable, unqualified Assistant, possessing good Photographic experience; permanent position. "Photo" (221/4), Office of this Paper.

MANCHESTER.—Unqualified lady Assistant required, with Dispensing and Counter experience, to commence the beginning of January. State salary required and particulars to 221/2, Office of this Paper.

SOUTH WALES.—Unqualified Assistant required immediately; single preferred; must have had experience in Optics; permanent and progressive post. "Optics" (221/400), Office of this Paper.

SWANSEA.—Unqualified Assistant; single; good Dispenser and Counterman; state age and salary required. "Swansea" (221/401), Office of this Paper.

ASSISTANT required immediately; used to quick Store trade. Apply, giving full particulars in first letter, or personally, to 298 Harrow Road, W.

ASSISTANT, unqualified, wanted for December 29th; one used to country business (indoors). Apply, stating usual particulars as to age, reference, and salary required, J. W. Ailsby, Chemist, Whittlesey, Cambs.

ASSISTANT; unqualified; permanency; must be a reliable Dispenser and good Salesman, and have knowledge of Photography. Apply, stating age and salary, etc., to A. C. Patterson, 5 The Parade, Claygate, Surrey.

BRANCH Manager, qualified, for December 27th, young and energetic, to work up neglected business; must be well recommended and thoroughly trustworthy. Apply, stating salary required, full particulars as to experience, etc., "Piifrater" (220/32), Office of this Paper.

CAPABLE Junior required; good Counter and Dispensing experience. Apply, with full particulars, age, references, and salary required, to H. C. Payne, 78 Essex Road, London, N. 1.

DISPENSER (female non-resident) wanted at The Downs Sanatorium, Sutton, Surrey (under the Metropolitan Asylums Board). The person appointed must be a Licentiate of the Society of Apothecaries or registered under the Pharmacy Acts (Major or Minor certificates of the Pharmaceutical Society); those only holding the Assistant's certificates of the Society of Apothecaries are not eligible. The person appointed will be required to perform certain clerical work for the Medical Superintendent, and a knowledge of typewriting will be an advantage. Commencing salary (including war bonus at Civil Service rate) £333 9s. 2d.; maximum salary at present rate of bonus £419 4s. 7d. Application forms may be obtained by sending stamped addressed envelope to the Clerk, Metropolitan Asylums Board, Embankment, London, E.C. 4, to whom they must be returned by 10 a.m. on Thursday, 30th December, 1920.

JUNIOR required, S.W. district; willing and industrious; exceptional opportunity to get on. Reply 6/500, Office of this Paper.

PHARMACIST Assistant required for Manchester district, able to take charge when necessary; good experience all round; business builder and knowledge of Optics preferred, though not necessary. Write, with full particulars, to 14/31H, Office of this Paper.

QUALIFIED Locum (male) for one week from January 17th; usual particulars. Write S. Liff, 542 High Road, Leytonstone, E. 11.

SMART unqualified Junior Assistant, aged about 21, for brisk business; agricultural, shipping, chemical apparatus; splendid opportunity for one desiring further experience; must be single, abstainer, and industrious worker. Apply W. Finlayson, 141 High Street, Stockton-on-Tees.

SOUTHALLS', Birmingham, have a vacancy for a Junior (gentleman) in their Dispensing Department. Apply, with full particulars, to 17 Bull Street.

STEADY, accurate Dispenser; single man with general knowledge of business experience and reliability, the best qualifications; good references and handwriting indispensable. State age, height, salary required, enclose photo, to Chave & Jackson, Ltd., Hereford.

UNQUALIFIED Assistant for Counter and Dispensary required temporarily. Apply Staff Manager, Messrs. Harrods, Ltd., 44 Hans Crescent, S.W. 1.

UNQUALIFIED Assistant wanted (immediately); applicant must be young, energetic, good Salesman, and reliable Dispenser; also should be resident in London or suburbs; highest references. Apply, by letter, stating age, height, and full experience, to "Alpha" (29/29P), Office of this Paper.

WANTED, beginning of January, a reliable, young, unqualified male Assistant, good Window-dresser and Counterman essential, for high-class Dispensing and Photographic business. Apply, giving particulars as to experience and salary required, to Bailey, 64 High Street, Highgate, N. 6.

WANTED, a lady Assistant, about 25, for good-class suburban business; must be a smart Counter-hand and Window-dresser. Apply 24/44, Office of this Paper.

WANTED (at once), qualified Manager for country business, situated between Halifax and Huddersfield; easy hours and comfortable berth; applicants please state salary required and enclose stamp for any testimonials, etc., wanting returning. 222/29, Office of this Paper.

WHOLESALE.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

SCOTLAND, Lowlands.—Traveller, to take over existing connection upon liberal commission basis; live Salesman, with experience of Essential Oils, Essences, Colours, etc., for Baking, Confectionery, and Mineral Water trades. 209/1, Office of this Paper.

CHEMIST, young, for London Export Druggists; good organiser, with experience in manufacture of all Pharmaceutical preparations. Apply, stating age, experience, and salary required, to 44/260, Office of this Paper.

EXPORT Assistant to Export Manager of London Wholesale Druggists; must have a good general knowledge of export work; good prospects for a keen young man. Apply, stating age, experience, and salary required, to P.C.B. 44/26, Office of this Paper.

HEAD Warehouseman required; must have thorough experience in packing for home and export trade in Essential Oils, etc. Write, giving particulars experience, salary, to "Oils," c/o Abbott's, Eastcheap, London, E.C. 3.

LABORATORY Assistant, to make Ointments on a large scale; must be clean and methodical worker. State full particulars as to wages required and experience; January 2nd. "Manchester" (41/3V), Office of this Paper.

REPRESENTATIVE wanted for Scotland and Northern Counties; must possess a sufficiently strong connection with high-class Chemists to be able to command orders; Toilet, Packed Goods, and Compressed Tablets; salary, expenses, and liberal commission; permanent position to the right man. Apply, with full particulars, to White Band Manufacturing Co., Ltd., Croydon, Surrey.

MESSRS. DOLS & CO., LTD., shortly desire Travellers, preferably on a commission basis, for their specialities in Volatalise Flannel and Daylight Dyes, calling on Chemists, Grocers, and Sundriesmen for the following districts: Lancashire, including North Wales; Scotland; Northumberland, Westmorland, Cumberland, and Durham; the East Coast below Yorkshire; South Coast, not including Cornwall; Birmingham and district; West Riding of Yorkshire; Channel Islands; Bristol and Devonshire. Letters should be addressed, giving all particulars of ground covered, to Sales Dept., Dols & Co., Ltd., Lookwood's Yard Factory, Huddersfield.

REPRESENTATIVE on commission basis required to carry popular Compressed Lozenges and Tablets with excellent advertising matter. State, in confidence, age, ground covered, lines carried, etc., to S. M. Hibberd, Wolverhampton.

REPRESENTATIVES with live connection amongst Chemists, Birmingham, Midlands, Liverpool, Manchester, Wales, London, and outer London, wanted as Commission Agents. Apply, with full particulars, ground covered, lines and houses represented, Harrogate Tablet Co., Station Square, Harrogate.

SMART Representative, with live connection on East and South Coasts, required in the New Year by manufacturers of Soaps, Perfumes, and Toilet preparations; thorough knowledge of the trade essential. Address, full particulars of past experience, and salary required, to "Z. Y." (48/18B), Office of this Paper.

SURGICAL Instrument Business; experienced Assistant. Address, stating duties accustomed to, age, and wages expected, to 220/22, Office of this Paper.

TRAVELLER wanted for London by Sundries house; commission only. Applications to 13/27G, Office of this Paper.

TRAVELLER, VACUUM FLASKS.—Merchant importing house requires Travellers open to sell to Wholesalers an additional line on commission; state ground worked. Write "R. A. R.," c/o Street, 30 Cornhill, E.C. 3.

TRAVELLERS (salaried) required to offer Chemists, Drysalters, and Grocers Packed Goods; state ground covered and if a connection. Full particulars and salary required to 215/3, Office of this Paper.

TRAVELLERS required for selling proprietary Ointment, Northumberland, Durham, Cumberland, Westmoreland, Midlands, London, Eastern and Southern Counties; part expenses and commission; must have good connection. Apply 24/43, Office of this Paper.

TRAVELLERS required, for town and country, by London Wholesale Druggists; previous experience an advantage, but must have sound knowledge of Drugs; good appearance, young, and energetic. Apply, with full particulars, 14/30H, Office of this Paper.

TRAVELLERS.—The Manufacturers of "Pruh," "Eydolash," "Poudre Vanore," etc. (all lines well advertised), require live, capable Salesman for Scotland. Applications invited from those able to give exclusive services, also from those desiring to represent one other firm. Write, giving full particulars of connection, terms, and references, in confidence, to A. Fisher & Co., 345 Archway Road, Highgate, London, N.

TWO Representatives required by Manufacturing Chemists; must be used to calling on Doctors and Chemists, and the ground to be covered is Lancashire, Cheshire, and the North; only those applications giving these particulars will be entertained; salary £350 plus commission and expenses; excellent scope for the right man. Apply 14/29H, Office of this Paper.

WANTED, first-rate experienced Travellers with connections amongst Chemists, Wholesalers, and Grocers by a firm of Manufacturing Chemists marketing a variety of goods. State age, ground covered, salary, and full particulars, to 43/21W, Office of this Paper.

WANTED, by a well-known Lancashire Wholesale Drug house, a Representative to take over an old-established connection, covering parts of Lancashire, Yorkshire, North Wales, etc.; previous experience essential; one who has been brought up in the Wholesale preferred; good salary and permanency to the right man. Please gave full particulars in first letter to "Opium" (27/120), Office of this Paper.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers, correspondents in this country.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-

STRAITS SETTLEMENTS. — Required (immediately), Assistant, young, unmarried, with Chemist's and Optician's qualifications; four years' agreement; passage paid out and home; salary first year £560, second year £630, third and fourth years £700; six months' leave of absence on full pay at end of agreement if same is renewed. Apply "W. C. H.," c/o Burgoyne, Burbidges & Co., Ltd., East Ham, E. 6.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-

A LADY Assistant, 22; unqualified; 6 years' experience N.H.I. Dispensing, Counter, and Stock; excellent references; London only; permanent or Locum. Apply 221/17, Office of this Paper.

A QUALIFIED Chemist desires responsible position, Manager, Locum, etc.; 15 years' references; energetic, resourceful, trustworthy. 13 Coniger Road, Fulham, S.W. 6.

A QUALIFIED Chemist, five years in business on own account previous to war, sold same to join up, now desires position as Manager or Assistant in good-class business doing Photography and (but not essential) Optics, where every help would be given in gaining modern experience; would entertain views to partnership or succession; married; 33; tall; well educated; slight wound disablement; small progressive salary; experience essential. Apply 222/9, Office of this Paper.

A RELIABLE Assistant; good Counterman and Dispenser; excellent references; moderate terms. "Chemist," 6 Eastbourne Terrace, London, W. 2.

A RELIABLE, qualified Chemist, 35, desires engagement as Manager; 20 years' experience Dispensing, Optics, Photography; permanency desired. "Syntax" (221/32), Office of this Paper.

APPRENTICESHIP wanted in London district by young girl Student (19); one year's College training; quick, intelligent, and willing worker. "E. J.," 11 Charleville Mansions, W. 14.

AS Apprentice; Pharmaceutical Chemist desires post for his son in good-class Retail and Dispensing business. Apply 215/1, Office of this Paper.

AS Assistant; 25; 3½ years' apprenticeship, three months' experience as Assistant. Apply M. L. 14753, Office of this Paper.

AS Assistant; 40; married; educated Manchester University; colloquial French and Welsh; knowledge company law and finance. Apply M.L. 97877, Office of this Paper.

AS Secretary to Hospital, etc.; age 43; married; 14 years' experience in business on own account as Chemist, also nine months' experience as Chemist's Manager. Apply M. L. 94021, Office of this Paper.

ASSISTANT (lady), 18, Student Associate, desires post with Chemist; one year's Hospital training. Thomas, 33 Richmond Street, Hereford.

ASSISTANT, Managing or Senior; unqualified; experienced; disengaged. Reply, "Statim," 72 Tremadoc Road, Clapham, S.W.

ASSISTANT or Locum; North; unqualified; excellent varied experience; good Salesman; disengaged. "Tyneside," 422 Park View, Whitley Bay.

ASSISTANT, qualified; middle-age, single, active, capable; any class business; well recommended; easy terms. "Delta," 27 Dryden Street, Nottingham.

ASSISTANT (25), 11 years' experience; good Dispenser; quick and accurate; salary £3 10s.; Lancs, Yorks, or near preferred. 222/11, Office of this Paper.

BLACKPOOL.—Qualified gentleman, 30, desires Managership in above town; smart appearance; trustworthy; London experienced, Photography, Dispensing, Prescribing, etc.; salary £5 per week. Apply 206/9, Office of this Paper.

BUSINESS Increaser, expert Dispenser, Prescriber, desires appointment as Manager or working partner; excellent credentials; qualified. Apply 217/14, Office of this Paper.

CHEMIST; qualified; age 21; single; educated Sunderland Technical College and Westminster College. Apply M. L. 89070, Office of this Paper.

CHEMISTS' Assistant; qualified; 23; single; some knowledge of French; three years' apprenticeship. Apply M. L. 243098, Office of this Paper.

CHEMIST'S Assistant; 26; single; knowledge French; three years' apprenticeship; two years as Assistant; passed all subjects in Minor exams. except Pharmacy. Apply M.L. 254363, Office of this Paper.

DISENGAGED.—Smart up-to-date Dispenser, Counterman, and Window-dresser; age 38; unqualified; no family; West-End and provincial experience; height 5 ft. 9 in. Apply 221/18, Office of this Paper.

DISENGAGED; qualified (37); 15 years' good all-round experience. "Statim," 29 Lyndhurst Road, Thornton Heath.

DISPENSER, lady (Hall); thorough knowledge Hospital, Surgery (Bookkeeping), and Institution work; excellent testimonials; London or near. Apply 221/27, Office of this Paper.

DISPENSER (Hall), daily; experienced; disengaged; highest testimonials; London or suburbs. Miss B. Warrington, 48 Buckleigh Road, Streatham.

DISPENSER (Military recent); 38; married; thorough knowledge of Surgical Dressings for out-patients, cases of emergency, and accounts; available January 15th; excellent testimonials; would suit N.H.I. Dispensary, Dispensing Chemist, or Doctor with large panel; any locality. Write "A.," 17 The Rock, Saltisford, Warwick.

DISPENSER; unqualified; 25; four years' experience as Assistant. Apply M. L. 18518, Office of this Paper.

EX-N.C.O., age 28, gentlemanly appearance, desires post; 8½ years' high-class Dispensing experience. F. W., 47 Este Road, Clapham Junction, S.W.

EX-SERVICE (25), married, desires post, school, October; five years' experience; good references; London preferred; commence end January. 222/12, Office of this Paper.

FRENCH Swiss, duly qualified Pharmaceutical Chemist, seeks engagement as Assistant to learn English Pharmacy and the language. A. Bally, Boulevard de Grancy, 26 Lausanne, Switzerland.

GENTLEMAN, qualified, requires position as Manager or Assistant; young, tall, experienced; exceptional references; preferably with view to succession or partnership. "M.P.S.," 29 Dalton Road, Barrow-in-Furness.

JUNIOR Assistant; 19; 4 years' apprenticeship, 14 months as Assistant; good-class Retail and Dispensing experience; excellent references; disengaged shortly. Apply "Student" (221/38), Office of this Paper.

JUNIOR; experience in Dispensing, Photography, and Counter; good references. Kirby, c/o Warr, Long Street, Sherborne.

LADY (21), three years' experience in good-class business, Junior. C/o Mr. Illsley, Chemist and Optician, Barnard Castle.

LADY Dispenser (Hall) desires post, Doctor, Chemist, or Infant Welfare; in or near London. Reply "S.," 31 Lewisham Park, S.E. 13.

LADY Dispenser (Apothecaries' Hall), 4 years' experience, requires situation, Retail; £2 10s. "Broca," 72 Oakfield Road, Stroud Green, N. 4.

LADY, qualified (28); 10 years' experience; good Counter and Dispensing experience; please state salary and hours; at liberty commence at once. Reply to "Rhei," 60 Church Road, Tilbury Docks, Essex.

LIVERPOOL DISTRICT.—Wanted, engagement by Assistant; willing, generally useful, handy man; moderate salary. Advertiser, 45 Berwick Street, West Derby Road, Liverpool.

LOCUM or Manager, with view to partnership or succession; London or district; thoroughly experienced; good Proprietaries introduced. 221/39, Office of this Paper.

LOCUM; well recommended; highest references. "Beta," 74 West Hill, East Putney, London, S.W. 15.

M.P.S. (lady) desires post with Dispensing Chemist, Doctor, or Institution. Apply 220/33, Office of this Paper.

MANAGER, 27, single, smart Counterman and Dispenser, requires post in London; capable, all-round man; used to quick Retail. Apply 220/35, Office of this Paper.

MANAGER, qualified, married, disengaged; long and wide experience in all branches; town or country; good Prescriber and smart Window-dresser. Details and salary to "Omar," 26 Fox Hill, S.E. 19.

MANAGER or Locum; permanency desired; qualified; disengaged; 27 years' first-class experience; excellent references. Parker, 25 Cloudesdale Road, Balham, S.W.

MANAGER (qualified), with view to early succession, or Partnership; capital available, £900 (about); 21 years own business; married. "Fortefore" (222/5), Office of this Paper.

PART-TIME, qualified; West-End Counter and Dispensing experience; practised Photographer. Apply c/o V. P. Davis, 236 Lavender Hill, S.W.

QUALIFIED Dispenser, high-class family Dispensing experience, Dispenser and Buyer leading Northern Hospital, knowledge latest preparations, trained Princess Christian Nurse, highest references, good appearance, salary £2 10s., requires position with high-class Dispensing Chemist, Institution, or Doctor; Heaton Moor, Stockport, South Manchester, or Altrincham. Apply 24/42, Office of this Paper.

QUALIFIED Assistant in shop or factory; 27; single; seven years' experience. Apply M. L. 98444, Office of this Paper.

QUALIFIED, 26, requires position Branch Manager or Assistant; good-class business; best experience; disengaged end of year; North preferred; state terms, etc. Apply 258/6, Office of this Paper.

QUALIFIED (24); Front-counter, Dispensing, and Photographic experience; abstainer; excellent references. Heath, "Bungalow," Radway Green, Crewe.

TEMPORARY or permanency; varied experience, including Manager, in good-class, agricultural, shipping, etc. "Chemicus," 3 Godfrey Road, Newport, Mon.

UNQUALIFIED Assistant; 35; married; fluent French; 10 years' first-class experience. Apply M. L. 98699, Office of this Paper.

YOUNG lady Dispenser (Hall) desires post with Chemist, Doctor, or Institution; four years' experience; N. London preferred; good reference. Apply "M. H.," Norfolk House, Danvers Road, Hornsey, N. 8.

WHOLESALE.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

A REPRESENTATIVE, with first-class Chemist connection in London, S.E., S.W., W., and suburbs, open to represent good house; salary and commission basis; highest credentials. 221/170 Office of this Paper.

AS Traveller for Chemists' Sundries house; 35; married; has large connection London and North of Thames; willing to serve indoors for first few months. Apply M.L. 9983, Office of this Paper.

EX-SERVICE man, age 22, requires position with Wholesale house; Wet, Dry, or Laboratory; three years' experience; excellent references; immediate. Puffett, 7 Goldsmith Avenue, Manor Park.

GENTLEMAN requires position as Representative; thorough knowledge of the trade; moderate salary; progressive. Apply 214/25, Office of this Paper.

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